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1. INTRODUCTION

The Mandatory Security specifications are Eskom's minimum requirements to be met by Contractors and Suppliers during Refurbishment and Construction Work. The Contractor shall **develop a Security plan and prepare a Security file** which meets these requirements as well as all the relevant applicable legislation. The Contractor shall remain accountable for the quality and the execution of his security management programme for his employees and sub-contractor employees.

The client shall provide a security baseline using the following steps:

- Inquiry / Intended project
 - Works info changes / specification changes – policy procedure
 - Revision to bill of quantities
- Security Risk Assessment
- Scope of Work
- Site Clarification
- Tender Document (supplier selection)
- Technical Evaluation
- Adjudication
- Contract Signing

2. SUPPORTING CLAUSES

2.1 SCOPE

The scope of this document is to ensure that:

- a. Adequate management of security measures throughout the project
- b. All elements thereof are clearly understood and that the requirements in this document are used as a yard stick for security compliance throughout the project.

2.1.2 Purpose

The primary objective of this standard is to improve the protection of all Eskom and Contractor employees and all assets against the adverse consequences of exposure to existing and potential risks such as theft and life threatening factors.

It is designed in a manner as to provide a coherent overview of the security requirements during a project and to describe the controls that need to be in place to meet these requirements.

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Once the project is in full swing, a periodic review of the requirements reflected in this document will be done in order to measure the Contractor's performance in terms of service delivery and compliance to honouring the contract.

2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed below.

2.2.1 Normative

Occupational Health and Safety Act, Act 85 of 1993

National Key Point Act 102 of 1980

2.2.2 Informative

32-403	Standards for ballistic resistance of body armour
219-266	Eskom compliance for bullet resistant vest purchasing
PDPMAN-CS-29	Security Management Bill of Quantities

2.3 DEFINITIONS

No definitions

2.3.1 Classification

Controlled disclosure: controlled disclosure to external parties (either enforced by law, or discretionary).

2.4 ABBREVIATIONS

Abbreviation	Description
GM	General Manager
PDP	Power Delivery Projects
SHEQ	Safety, Health, Environment and Quality

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2.5 ROLES AND RESPONSIBILITIES

The General Manager shall be responsible for:

- Ensuring that the management systems are developed implemented and continuously improved.
- Ensuring that the requirements of this standard are implemented.
- Ensuring that the management systems are an integral part of PDP activities.
- Reviewing the management systems during a defined interval periods.

The SHEQ Manager PDP shall be responsible for:

- Assisting the GM in terms of developing, implementing and continuously improving the management systems.
- Ensuring that all the Grids partake in the development of this document.
- Assessing the level of conformance of this document by the Grids.
- Advising on the areas for improvement regarding the implementation of this document.

2.6 PROCESS FOR MONITORING

Detailed monitoring requirements are through PDP Management meetings, Project Review Management meetings, PDP SHEQ Management Review Committee meetings, PDP SHEQ Department meetings & SHEQ Managers meetings, Site Progress meetings, Audits, etc.

2.7 RELATED/SUPPORTING DOCUMENTS

Additional standards, procedures and guidelines shall be used in support of the aims and objectives of this Procedure.

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3. DOCUMENT CONTENT

3.1 GENERAL REQUIREMENTS

The Contractor shall comply with the security requirements contained in the Annexures to this Works Information.

In addition to the above, the following shall apply:

The safety of Eskom Employees and Contractors is a high priority within the company and therefore it is required that all security personnel deployed on this project shall adhere to the following:

- The Eskom **Standard for ballistic resistance of body armour** stipulates the minimum performance requirement for the ballistic resistance of body armour intended to protect the torso against gunfire. This standard can be found in **Annexure A** – Unique Identifier 32-403.
- **The wearing of Body Armour (Bullet Resistant Vests)**
 - This body armour should be worn at all times whilst on duty and whilst performing relevant security functions.
 - In other words, the selective wearing of body armour during the performing of specific security functions, e.g. when conducting patrols only, are strictly prohibited.
 - When security personnel report for shift duty; firearms and body armour are to be issued simultaneously and are to be carried and worn for the duration of the shift on their person.

These requirements are based on the provisions of the *National Key Point Act 102 of 1980* and the *Occupational Health and Safety Act 85 of 1993*, which respectively stipulates:

➤ **National Key Point Act 102 of 1980**

- 23) It is deemed essential that NKP security officers be appropriately armed with firearms so that optimal protection is achieved.

➤ **Occupational Health and Safety Act 85 of 1993**

- 8) **General duties of employers to their employees** (d) establishing, as far as is reasonably practicable, *what hazards to the health or safety of persons are attached to any work which is performed*, any article or substance which is produced, processed, used, handled, stored or transported and any plant or machinery which is used in his business, and he shall, as far as is reasonably practicable, *further establish what precautionary measures should be taken with respect to such work*, article, substance, plant or machinery in order to protect the health and safety of persons, and he shall provide the necessary means to apply such precautionary measures;
- 14) **General duties of employees at work**. Every employee shall at work (a) *take reasonable care for the health and safety of himself and of other persons* who may be affected by his acts or omissions;

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- (b) as regards any duty or requirement imposed on his employer or any other person by this Act, co-operate with such employer or person to enable that duty or requirement to be performed or complied with;
- Note that there is an Eskom compliance with regards to the **Purchase and/or wearing of ballistic resistant body armour (bullet proof vests) by security personnel**. This compliance can be found in **Annexure B** – Unique Identifier 219-266.
- The competency requirements for the management of firearm management as dictated by **The Firearm Control Act (Act 60 of 2000) as amended by the firearms control amended acts (43 of 2003 and 28 of 2006) and firearms control regulations (2004)** shall be adhered to by the contractor. This compliance can be found in **Annexure C**.

3.2 SECURITY OPERATION REQUIREMENTS (SEE ANNEXURES)

- 3.1. Guideline to General theft prevention measures for construction sites – **Annexure D**
- 3.2. Guideline to Equipment theft prevention measures – **Annexure E**
- 3.3. Guideline to Storage areas theft prevention measures – **Annexure F**
- 3.4. Guideline to Security personnel requirements – **Annexure G**
- 3.5. Guideline to Emergency & Communication – **Annexure H**
- 3.6. Guideline to General security compliance – **Annexure I**
- 3.7. Guideline to Campsite rules – **Annexure J**
- 3.8 Guideline to Mobile Armoured Guardhouse – **Annexure K**

3.3 RECORDS

All records produced in accordance with this procedure shall be controlled and retained as per the Control of Records Procedure, PDPMAN-PC-12.

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4. AUTHORIZATION

This document has been seen and accepted by:

Name	Designation
Naresh Hari	General Manager – Power Delivery Projects
Geoffrey Small	SHEQ Manager – Power Delivery Projects
Bob Naraghi	Senior Project Manager – Central Grid
Francois Bothma	Senior Project Manager – 765 kV
Johan Bornman	Senior Project Manager – Cape Grid
Rajesh Himchall	Senior Project Manager – Northern Grid
Bongani Mabena	SHEQ Manager – Cape Grid
Vusumuzi Mthimunya	SHEQ Manager – Central Grid
Wayne Oberem	SHEQ Manager – Northern Grid
Zola Hlatshwayo	SHEQ Manager – 765 Kv
Peter Joseph	Security Risk Advisor – Power Delivery Projects

5. REVISION

Date	Rev.	Compiler	Remarks
September 2013	0	Peter Joseph	New document

6. DEVELOPMENT TEAM

Name	Designation
Fanie Diergaardt	Security Manager – Eskom Real Estate – Group Capital Division
Justice Ramanyoga	Security Manager – Eskom Real Estate – Group Capital Division

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7. ANNEXURES

ANNEXURE A

THE ESKOM STANDARD FOR BALLISTIC RESISTANCE OF BODY ARMOUR

Introduction

The purpose of this standard is to establish minimum performance requirement for the ballistic resistance of body armour intended to protect the torso against gunfire.

The scope of the standard is limited to ballistic resistance only; the standard does not address threats from knives and sharply pointed objects, which are different types of threat.

Scope

This standard specifies the minimum performance requirements for the ballistic resistance of body armour intended to protect the wearer's torso against gunfire. It is limited to ballistic resistance only.

Purpose

This standard is a technical document that specifies performance and other requirements equipment should meet to satisfy the needs for high quality Ballistic Resistance of Body Armour.

This standard shall apply throughout Eskom Holdings Limited, its divisions, subsidiaries and entities wherein Eskom has a controlling interest.

References

SANS 1658:2007 Edition 2. [Example: Level III Special, (SA. Mix)]

NIJ Standard 0101.04 Revision A June 2001 Ballistic Resistance of Personal Body Armor, National Institute of Justice, Law Enforcement, Correction Standards and Testing Program.

Technical Guideline Protective Vests (Polizei – Führungsakademie), Forschungs – und Entwicklungs – stele für Polizeitechnik - Research and Development Branch for Technical Police Equipment.

Definitions & Abbreviations

All definitions appropriate to the document have been listed next to the abbreviations.

Abbreviations

g: gram

gr: grain

m: metre

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mm: millimetre

API: Armour Piercing Incendiary bullet that is designed to penetrate armour and that contains an incendiary material (burning composition).

FMJ: Full Metal Jacket bullet of the standard military type, in which the core is completely encased in jacket material, except for a small opening on the base.

MSC: Mild Steel Core bullet that has a mild steel core.

Roles and responsibilities

Procurement officials must refer to this standard in their purchasing documents and require that equipment offered for purchase, meet the requirements. Compliance with the requirements of this standard may be attested to by an independent laboratory, or guaranteed by the vendor.

Document content

Level of protection against ballistic attack

Level III Special, (S.A. mix)
(7,62 x 39mm API); (7,62 x 39mm API);
(7,62 x 39mm FMJ-MSC); (7,62 x 51mm FMJ);
(5,56 x 45mm FMJ)

This armour protects against:

- 7,62 x 39mm Armour Piercing Incendiary bullets, with nominal masses of 7,8 g (120 gr) impacting at a velocity of 725m per second, or less.
- 7,62 x 39mm Full Metal Jacketed (Mild-Steel Core) bullets, with nominal masses of 7,9 g (123 gr) impacting at a velocity of 710m per second, or less.
- 7,62 x 51mm Full Metal Jacketed bullets, with nominal masses of 9,6 g (148 gr) impacting at a velocity of 847m per second, or less.
- 5,56 x 45mm Full Metal Jacketed bullets, with nominal masses of 3,56 g (55 gr) impacting at a velocity of 955m per second, or less.

Technical requirements

General technical requirements for protective vests of body armour

- The protective vest must be easy to put on and adjust to the size of the body (e.g. by means of bur-like fasteners). The free movement of the arms (for either handed shooting) must not be restricted.
- The vest should be manufactured in different sizes according to the requirements of the customer. When requested, offers should include a model to be worn concealed, and another one to be worn unconcealed.

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- There must be a possibility to add a groin protection. In addition, the vest must provide the possibility of improving the protective effect by inserting parts that cover all those regions of the body that shall be protected. Outer sides must be defined as such, and must be indicated by visible and tangible marks.
- It must be possible to take the ballistic armour part out of the cover. The side facing the body and the reverse side must be properly marked.
- For the purpose of cleaning the outer cover of the vest, it should be possible to remove the ballistic armour from the cover.
- If the ballistic insert consists in whole, or in part of woven fabric, the individual layers of the fabric must be made from one-piece.
- It is not permitted that the front and the back of a vest belong to different protection levels.
- The complete vest must be resistant to: Oil, petrol and organic solvents (detergents).
- The vest must be mechanically robust (structure, surface). When used under normal operational conditions, the vest must retain its full protective properties for at least 10 (ten) years; under the same conditions the resistance to wear of the covering would be expected to have a lifetime of at least 3 (three) years.

Marking and labelling

Labelling

The following information shall appear in legible and indelible marking on the outside of each ballistic component, and must be checked by the receiver:

- Name, trade name or trademark of the manufacturer or supplier.
- Rated level of protection in accordance with SANS 1658:2007 Edition 2. For example: Level III Special, (SA. Mix).
- Size, if applicable, (if the body armour is custom-fitted, provision shall be made).
- Date of manufacture and serial, batch or lot number (or any combination of these) which shall be traceable to the original ballistic material used to manufacture the item.
- Date of issue.
- Model or style designation that uniquely identifies the set of body armour for purchasing purposes (body armour designed to fit the male and female torso shall have separate model or style designations).
- Where applicable, the strike-face or wear-face (to identify the surface of the garment that is to face the threat or to be worn against the body).
- Care instruction for the textile and for the inserts and, where necessary, a statement to the effect that the armour is to be handled with care.

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- Where applicable, a warning to the effect that where specific body armour is so designed to use a ballistic pack together with either a separate trauma pack or hard armour plate, that both are to be fitted to meet the required protection level.
- Area in centimetres squared of ballistic protection provided.

Body armour that has removable ballistic inserts

- Body armour that has removable ballistic inserts shall, in addition to the label required for the ballistic insert, a note to the effect that the garment contains remove-able ballistic panels to provide the required protection.

Body armour that has non-removable ballistic inserts

- Body armour that has non-removable ballistic inserts shall have a label on the exterior surface of the armour carrier indicating all the detailed information as applicable.

Ballistic enhancements

- Body armour may be so designed that the protection level or the protection zone (or both) can be upgraded by the insertion, or the addition of ballistic enhancements, including for example;
 - Hard armour plates
 - Side plates
 - Groin flap
 - Shoulder protection
 - Side protection

Or any combination of these

- If so required, ballistic inserts must be removable to enable the body armour to be laundered when necessary. To ensure that a ballistic insert is inserted correctly into the body armour, an information label must be permanently attached, to indicate the side of the insert that is to be worn against the body.
- If a separate trauma pack, or hard armour plate (or both) is used, it must also clearly display information to ensure that it is inserted correctly. The ballistic insert information label must include a warning that a separate trauma pack or a hard armour plate has to be used in conjunction with the ballistic pack, in order to meet the required protection level.

Notes to Purchasers

The following requirements must be specified in tender invitations and in each purchase order and / or contract:

- The level of protection required.
- Whether additional ballistic enhancements are required.
- Whether ballistic inserts have to be removable.
- Any additional marking and labelling.

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- Manufacturer's quality system verification. In this connection it should be noted that SANS 9001 / ISO 9001, quality management systems – requirements, covers the provisions of an integrated quality system.

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ANNEXURE B**PURCHASE AND/OR WEARING OF BALLISTIC RESISTANT BODY ARMOUR (BULLET PROOF VESTS) BY SECURITY PERSONNEL**

Emanating from a Forensic Investigation into the conduct of "Crime Stop Shop" it has been ascertained that the certification issued in respect of the bullet proof vests by the said Service Provider, was irregular.

The matter has been reported to the South African Police Services for further investigation and/or criminal action and is currently sub-judice.

Considering the irregular certification of the bullet proof vests issued by the Service provider, it cannot be ignored that the wearing of such vests could seriously jeopardize one's safety (serious personal injury or death), it was subsequently decided that the safety of Eskom employees outweighs the issue of cost saving.

A decision was a result made by Mr Martin Strauss, Senior Manager: Group Security that since this office is not in a position to vouch for the technical quality of the current bullet proof vests purchased from the said Service Provider, such bullet proof vests must be replaced by ones that are technically suitable.

All Security Managers of the various Divisions and business Units are to take note and comply.

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ANNEXURE C

FIREARMS CONTROL ACT (ACT 60 OF 2000) AS AMENDED BY THE FIREARMS CONTROL AMENDMENT ACTS (43 OF 2003 AND 28 OF 2006) AND FIREARMS CONTROL REGULATIONS (2004)

Eskom is accredited as an Official Institution in terms of Section 95(a)(vi) of the Firearms Control Act (Act 60 of 2000) and is required to comply with all aspects of this Act and related legislation.

Section 98 of the Act sets the requirements for the possession and use of firearms by Official Institutions, including the determination that people are 'fit and proper' to possess a firearm.

Regulation 79 states the criteria that an Official Institution has to apply in making this determination are listed in Section 9(2)(d) to (p) of the Act.

This requires Eskom to ensure that persons allowed to be issued with a permit to possess a firearm:

- Are of a stable mental condition and not inclined to violence;
- Are not dependent on any substance which has an intoxicating or narcotic effect;
- Has not been convicted of any offences listed within the Act, and
- Has not been declared unfit to possess a firearm.

In order to achieve this, in addition to the annual medical assessments and regular substance abuse testing, all persons required to possess an Eskom firearm are required to comply with the following requirements:

- Inform Eskom of indications that any of the above requirements may be compromised;
- Undergo regular criminal record checks; and
- Undergo psychometric testing.

It will be ensured that the processes referred to are necessary for the purpose, whilst ensuring that respect, dignity and confidentiality are maintained.

The timescales for implementation of this instruction are:

- The requirement to inform Eskom of indications of possible non-compliance shall be with immediate effect. This should be to the person's immediate line manager or through the Eskom Employee Assistance Programme.
- Initial fingerprint submissions for criminal record checks must be made on or before 31st August 2012 through a process which will be communicated by Group Security.
- Initial psychometric testing must be completed for all persons on or before 30th November 2012 through a process which will be communicated by Group Capital.

Thereafter, a process and schedule will be developed to ensure that all persons are required to undergo criminal record checks and psychometric testing at least every 24th months.

Eskom is a responsible employer and seeks to ensure that everyone has a safe and secure working environment through its Zero Harm value. In addition to legal compliance, this instruction intends that the safe utilisation of firearms by Eskom employees is maintained at all times.

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ANNEXURE D**GUIDELINE TO GENERAL THEFT PREVENTION MEASURES FOR CONSTRUCTION SITES**

1. All contractors must present a Theft Prevention Policy to the Eskom Project Manager.
2. The Theft Prevention Policy must be issued to all employees.
3. All subcontractors must also have a written Theft Prevention Policy.
4. These must be approved by the Eskom Project Manager.
5. The contractor must hold all supervisors and workers responsible.
6. The contractors must offer financial incentives to employees for theft prevention.
7. The contractor is responsible for monitoring and analysing equipment theft daily.
8. The contractor's senior management must visit teams on regular basis to check/inspect theft prevention practices.
9. The contractor must develop a method to verify Identification (ID) of all delivery people for his/her site; the ID processes must meet the following requirements:
 - Driver's license of the individual
 - ID documents of the co-drivers
 - Company photo ID card with a photo
 - Delivery note bearing the company's letterhead
 - Recording of personal information on entry and exit

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ANNEXURE E**GUIDELINE TO EQUIPMENT THEFT PREVENTION MEASURES**

1. The contractor must lock and/or immobilise equipment on non-working times.
2. The contractor must attach anti-theft devices to equipment such as:
 - Steering wheel locks
 - Tyre and wheel/axle locks
 - Locking fuel caps
3. Contractors must ensure that all operating levers, handles are locked.
4. All tools and equipment must be double stamped with ID numbers/codes in any of the following criteria:
 - In a conspicuous place on item
 - In a hidden place on item
 - Last four digits of contractor license
 - Contractor to place reward labels on all equipment
5. Contractor may paint all tools in unique colour
6. The contractor to keep a list of all employees with equipment master keys comprising of:
 - All main contractor's employees with master keys
 - All sub-contractor's employees with master keys
 - A proper key control procedure must be put in place
7. The contractor may engrave his/her equipment with his/her company's logo.
8. The contractor must develop an inventory control system.
9. Assign equipment by serial number to operational teams and supervisors.
10. Operational teams and supervisors are held accountable for the return of equipment.
11. Contractors to have documented check out/check in system for tools.
12. Documented check out/check in system for equipment.
13. The contractor must give work teams only tools they need for the day.
14. The contractor may not over-supply teams with tools or equipment.

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ANNEXURE F

GUIDELINE TO STORAGE AREAS THEFT PREVENTION MEASURES

1. The contractor equipment must be stored on site in locked facilities.
2. The facility to be equipped with security alarm system linked to a 24/7 centre.
3. The facility to be supplied with complete lighting coverage.
4. The construction storage areas and entry/exit points to be equipped with CCTV surveillance system linked to a 24/7 centre.
5. The facility to be manned at all times.
6. Clear zones of five to six metres around all fenced areas to be maintained.
7. The contractor to create restricted access to storage areas to designated workers only.
8. The contractor to provide security keys to designated workers.
9. The security keys to be stamped "Do not duplicate".
10. A proper key control procedure to be put in place.
11. Security personnel to be deployed in equipment storage areas.
12. Contractors to have theft reporting procedure in place.
13. Contractors to have theft investigation procedure in place.
14. Shift supervisors to be trained in the use of these procedures.
15. Team leaders to be trained in the use of these procedures.
16. The campsite shall be monitored through a mag-touch / tag system linked to a control room / center.
17. Periodic trials will be run for the testing of this mag-touch / tag system to measure the effectiveness thereof.

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ANNEXURE G**GUIDELINE TO PERSONNEL SECURITY REQUIREMENTS**

1. Contractors must submit personnel list with personal details and records before inception of the project.
2. All contractor employees to be subjected to background verification process at the cost of the employer.
3. The contractor employees and the employer must agree to this process before work is commenced.
4. All contractor employees (including all security personnel) will be subjected to alcohol testing daily.
5. The contractor may not employ foreign nationals without valid documentation.
6. The contractor's employees shall be restricted to areas that the construction work is being performed.
7. The contractor shall provide periodic on-the-job training throughout the duration of the project.
8. Day- & night shift security personnel are required as per the security risk profile.
9. All security personnel must be unarmed.
10. A sufficient guard house is required for guards to be stationed. This guard house has a dual function, namely to serve as a safe haven for guards, as well as a control room from where guards will operate. The Eskom standard of the guard house can be found in Annexure K.

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ANNEXURE H

GUIDELINE TO EMERGENCY & COMMUNICATION

1. The full use of an Armed Response for any emergency situation.
2. The full use of panic buttons to alert Armed Response.
3. The full use of a two-way radio system for effective communication.
4. The use of a Satellite phone system where applicable.
5. Emergency numbers shall be displayed in the security guard house.

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ANNEXURE I

GUIDELINE TO GENERAL SECURITY COMPLIANCE

1. In order to address labour / industrial unrest during the course of the project, the employment process for security personnel should include social pact that entails the use of local labour.
2. For the effective patrol of servitudes, 4X4 vehicles are required to combat the nature of the landscape, which is not suitable for travel by normal on-road designed vehicles.

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ANNEXURE J

GUIDELINE TO CAMPSITE (INCLUDING ACCESS CONTROL)

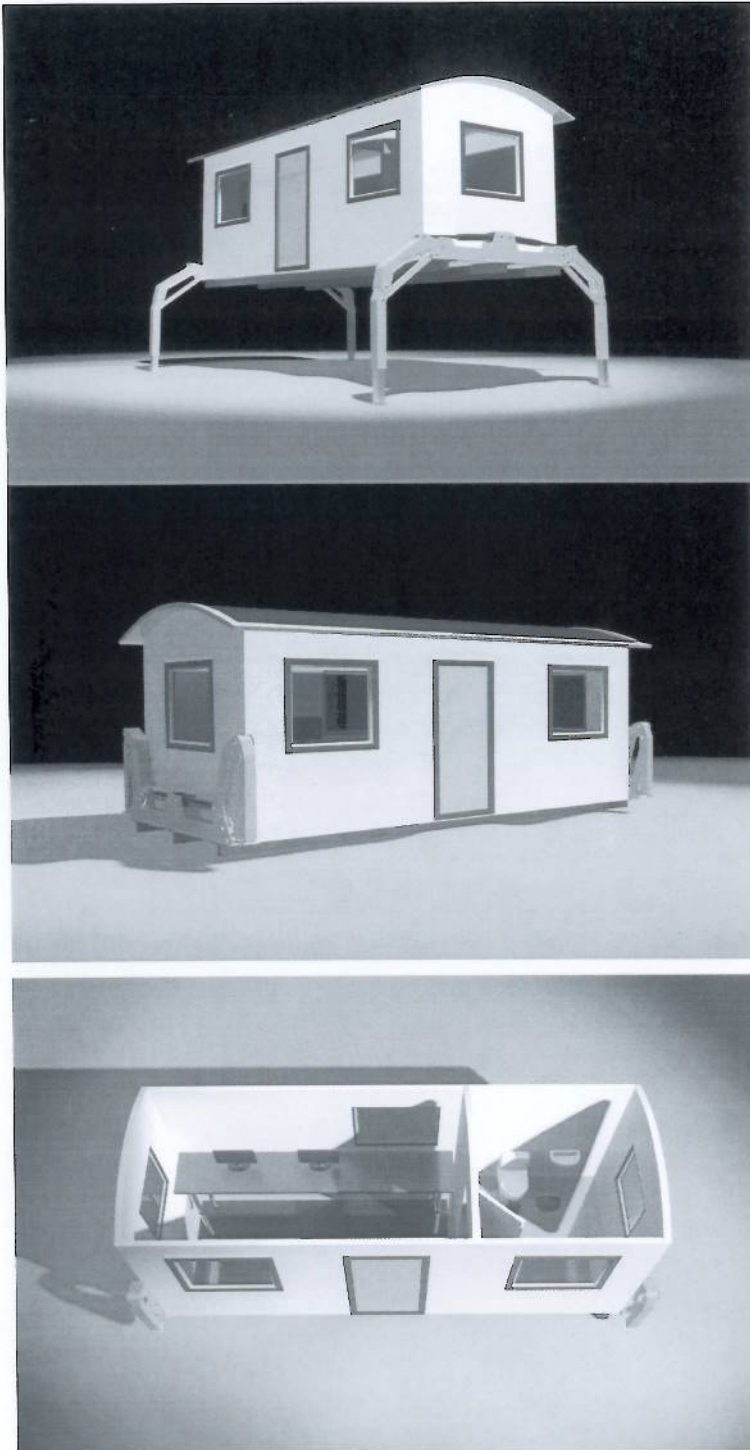
1. All contractor employees (including all security personnel) will be subjected to alcohol testing daily.
2. All contractor employees and vehicles shall be subjected to physical searches on entry and exit.
3. An access control register / tool list shall be used to document items declared by visitors.
4. For campsite security operations, the following shall be adhered to:
 - The campsite shall be designed in such a manner that the pedestrian- and vehicle entry points be separated.
 - Aligned with Eskom's requirement in connection with firearms, no firearms will be allowed on site.
 - Where a brick constructed building is used as a security control room, the security company shall have two safes mounted in accordance with the law for the safekeeping of visitors' firearms. In the case where no brick walled facilities are available, visitors carrying firearms will be referred to the nearest police station for the booking in of firearms.
5. All security related signage, that the Contractor or his/her sub-contractors are to use/display are to conform to the requirements of SANS 1186 – 1:2008.
6. The display of the following signs is mandatory for Contractors with Site Establishment:
 - All vehicles shall be searched.
 - All personnel entering the site shall undergo alcohol testing.
 - At the entrance to premises where machinery is used: Restricted access on “**Authorised Persons Only**” signs on entry.
 - No firearms allowed on site.
 - “Anything to declare?”

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ANNEXURE K

GUIDELINE TO MOBILE ARMoured GUARDHOUSE



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- **FEATURES**

- Curved Solar panel roof
- Fitted with hydraulic legs
- NIJ IIIA protection for highest handgun threats (Windows, Walls & Door) and NIJ III protection for rifle threats (Floor)
- Toilet, Control Desk and Kitchen Area
- Flood Lights
- Motion Beams
- Pepper Spray Unit
- 3m X 6m in size

- **ADVANTAGES**

- The unit does not require external electricity
- Easy to set up and easy pack up
- Safe haven for guards facing a threat
- Fulfills the purpose of a control room with hygiene advantages and environmental conditions
- Asset monitoring made simple and increased visibility during the night
- Threats are easily detected and deterred
- Threats forcing entry to the guard house are further deterred
- It can fit onto a standard flat-bed truck for easy transportation and handling

- **BENEFITS**

- Offers Cost saving benefits and flexibility its space allocation. The curved design allows for maximum sun exposure from dawn to dusk.
- Simplistic, no additional equipment required and limited time required for set-up. Cannot be stolen due to the 'no wheels' design. Situational awareness due to a high vantage point.
- The guards are safe when being faced with life threatening adversaries
- Everything required is available indoors, increasing the safety of the guards
- Threats are visible to the guards and movement can be monitored effectively
- Alerting of guards of movement in the restricted areas
- Pepper spray will impact on the threat's efficiency in his operation and might lead to arrest/detainment

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