

	GENERATION KOEBERG SHE SPECIFICATION FOR HIGH RISK ACTIVITIES/ SERVICES	Template Identifier	32-726-02T	Rev	2
		Document Identifier	PO/PR NUMBER	Rev	1
		Effective Date	May 2022		

Annotation: The information contained in this document is the minimum requirement; it can be updated, amended or removed to cover the SHE requirements related to the scope or the risks of the project. (This annotation shall be removed when drafting and finalising a specification)

Project Name: TITLE: Title: User Requirement Specification for Security Service at Koeberg Nuclear Power Station

Enquiry number: PR: 1076190787

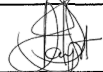
Document Identifier URS-KNPS-SEC-01

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Scope of the project: User Requirement Specification for Security Service at Koeberg Nuclear Power Station

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Date 2026-08-04

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1. INTRODUCTION

Eskom's responsibility and commitment is to ensure a safe working environment is in line with its Safety, Health, Environmental and Quality Policy, along with legislative obligations

This SHE specification is Eskom's minimum requirements which are required to be met for the specific contract and for the duration of the contract period by contractors and where required, the delivery organisation

The contractor is expected to develop a SHE Plan which meets these requirements as well as all the relevant applicable legislation they conform to.

Eskom in no way assumes the contractor's legal responsibilities. The contractor is and remains accountable for the quality and the execution of his/her health and safety programme for his/her employees and appointed contractor employees.

This SHE specification reflects minimum requirements and should not be construed as all encompassing

***Note 1:** All the requirements listed hereunder are in relation to the contract and do not supersede or replace any organizational SHE requirements*

Where requirements listed are already in place, then the organisational requirements must be taken cognisance of and listed in the respective SHE Plans. If there are any additional Eskom and or legislative requirements listed in the SHE specification, then these must be addressed

2. SUPPORTING CLAUSES

2.1 SCOPE

This SHE specification lists the legislative and Eskom requirements and where applicable, any requirements pertaining to Local Authorities / Municipal by-laws /OHS/ Environmental legislation that must be met by the contractor

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2.1.1 Purpose

This document will provide a standardised approach to the compilation of SHE specifications throughout Eskom for contracts, standards and NEC 3 contracts

2.1.2 Applicability

This SHE specification is applicable to any contracting organisation who intends tendering for the contract

2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs

2.2.1 Normative

- [1] Basic Conditions of Employment Act No 75 of 1997
- [2] Occupational Health and Safety Act and Regulations No 85 of 1993
- [3] National Environmental Management Act 107 of 1998
- [4] National Road Traffic Act 93 of 1996
- [5] 32-37 Eskom Substance Abuse Procedure
- [6] 240-62196227 Life- saving Rules
- [7] 32-95 Occupational Health and Safety Incident Management Procedure
- [8] 32-727 SHEQ Policy
- [9] 32- 418 Working at Heights Standard
- [10] 240-62946386 Vehicle and Driver Safety Management Procedure
- [11] 32-520 Risk Assessment procedure
- [12] Add KGA-067 SHE Risk Register
- [13] Plant Safety Regulations
- [14] Man Dir 009 Personal Protective Equipment Code for the Koeberg Operating Unit
- [15] 32-726 Contract and Contractor OHS Management Standard
- [16] KGA-073 SHE Specification Guideline
- [17] 335-82 Environmental System Manual
- [18] 240-133087117 Environmental Incident Management Manual

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2.2.2 Informative

- [1] Tobacco Products Control Act 83 of 1993 (Updated 2011 05 19)
- [2] SANS 1186 Symbolic Safety Signs
- [3] Constitution of the Republic of South Africa No 108 of 1996

2.2.3 Definitions

Definition	Explanation
Appointed contractor	Means a contractor appointed by the principal contractor
Baseline risk assessment	(32-520) baseline operational risks refer to the health and safety risks associated with all standard processes and routine activities in the business
Business unit (BU)	means any defined unit within the Eskom environment, operating as a business under a particular cost-centre number In the context of this document and in terms of health and safety, any reference to a BU includes a defined unit within any Eskom division and its subsidiaries
Client	(OHS Act) Eskom representative (Internal – Asset Owner), also referred to as the contract administrator/custodian or agent or contract manager (as defined in the contract) He/she is the person responsible for ensuring that the works or services are executed in terms of the contract, as well as adherence to legislation pertaining to the contract
Competent person	(OHS Act) means any person having the knowledge, training, experience, and qualifications, specific to the work or task being performed, provided that, where appropriate, qualifications and training are registered in terms of the South African Qualifications Authority Act, 1995 (Act No 58 of 1995)

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Confined Space	Procedure An enclosed, restricted or limited space in which, because of its construction, location, contents, or any work carried out therein, a hazardous substance may accumulate or an oxygen deficient atmosphere may occur, and includes any chamber, tunnel, pipe, pit, sewer, container, valve, pumps, sump or similar construction, equipment, machinery or object in which a dangerous concentration of gas, vapour, dust or fumes may be present At Koeberg, confined space is classified into two categories, namely (a) Hazardous to Health Confined Space – An enclosed, restricted or limited confined space in which, because of its construction, location or contents, or any work activity carried on therein, a hazardous substance may accumulate or an oxygen deficient atmosphere may occur Furthermore, a dangerous liquid or a dangerous concentration of gas, vapour, dust or fumes may be present An area outside of, or bordering on any hazardous to health confined space which, owing to its proximity to the confined space, presents a hazard as defined above is also classified a hazardous to health confined space (b) Isolated Confined Space – A confined space which has been isolated from all pipes, ducts and all possible sources of dangerous energy and/or harmful substances by means of the shutting or locking of a valve or a cock
Contractor	(OHS Act) means an employer as defined in section 1 of the Act who performs contracted work and includes principal contractors
Consultant	means a person providing professional advice
Controlled disclosure	controlled disclosure to external parties (either enforced by law or discretionary)
Duty of care to the environment	(NEMA Act s28) anybody who causes or has caused or may cause significant pollution or degradation of the environment must take reasonable measures to prevent such pollution or degradation from occurring, continuing, or recurring If such harm to the environment is authorised by law or cannot reasonably be avoided or stopped, such person must minimise and rectify such pollution or degradation of the environment
Employee	(OHS Act) means, subject to the provisions of subsection (2), any person who is employed by or works for an employer and who receives or is entitled to receive any remuneration or who works under the direction or supervision of an employer or any other person

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Employer	(OHS Act) means, subject to the provisions of subsection (2), any person who employs or provides work for any person and remunerates that person or expressly or tacitly undertakes to remunerate him/her, but excludes a TES (ex labour broker) as defined in section 1(1) of the Labour Relations Act 1956 (Act No 28 of 1956)
Environment	(NEMA) means a) the land, water, and atmosphere of the earth, b) micro-organisms and plant and animal life, and c) any part or combination of (a) and (b) and the interrelationships among and between them, and the physical, chemical, aesthetic, and cultural properties and conditions of the foregoing that influence human health and well-being
Environmental Management plan	A detailed plan of action prepared to ensure that recommendations for enhancing or ensuring positive impacts and limiting or preventing negative environmental impacts are implemented during the life-cycle of a contract This Environmental Management Plan should preferably form part of Eskom's Environmental Management System
Ergonomics	The application of scientific information concerning humans to the design of objects, systems and the environment for human use in order to optimise human well-being and overall system performance
Eskom requirements	Eskom requirements flowing from directives, policies, standards, procedures, specifications, work instructions, guidelines, or manuals
Fall Arrest Equipment	Means equipment used to arrest a person in a fall, including personal equipment, a body harness, lanyards, deceleration devices, lifelines or similar equipment
Fall Prevention Equipment	Means equipment used to prevent persons from falling from a fall risk position, including personal equipment, a body harness, lanyards, lifelines or physical equipment such as guardrails, screens, barricades, anchorages or similar equipment
Fall protection plan	(OHS Act) means a documented plan of all risks relating to working from an elevated position, considering the nature of work undertaken, and setting out the procedures and methods to be applied in order to eliminate the risk
Hazard	(OHS Act) means a source of, or exposure to, danger

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Hazard identification	(OHS Act) means the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed
Health and safety file	(OHS Act) means a file or other record in permanent form, containing the information required in relation to the contract OHS act
Health and safety plan	(OHS Act) means a document plan that addresses hazards identified and includes safe work procedures to mitigate, reduce, or control hazards identified
Health and safety specification	(OHS Act) means a document specification of all health and safety requirements pertaining to associated to a contract, so as to ensure the health and safety of persons
Health and safety requirements	means comprehensive health and safety requirements for a contract, contract, site, and scope of work This specification is intended to ensure the health and safety of persons, both workers and the public, and the duty of care to the environment The health and safety requirements must be specific to each contract, contract, site, and scope of work
Incident	An unplanned, undesired or unexpected event that could result in physical harms to a person and/or damage to assets and/or have a negative impact on the environment
Lifesaving Rules	(240-62196227) a rule that, if not adhered to, has the potential to cause serious harm to people
Medical Certificate of fitness	(OHS Act) means a certificate valid for one year, issued by an occupational health practitioner, issued in terms of the regulations, whom shall be registered with the Health Professions Council of South Africa OHS Act
Medical surveillance	(OHS Act) means a planned programme or periodic examination (which may include clinical examinations, biological monitoring, or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner
Method statement	(OHS Act) means a written document detailing the key activities to be performed in order to reduce, as reasonably as practicable, the hazards identified in any risk assessment
Organisation	may be defined as a group of individuals (large of small) that is cooperating under the direction of executive leadership in accomplishment of certain common objects

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Potential Oxygen Deficient Area	A poorly ventilated area in which asphyxiating gases are stored or generated in tanks or cylinders or conveyed in pipelines. The surrounding area is not well ventilated and abnormal operating conditions could conceivably result in an oxygen deficient
Pre-job meetings	means a meeting that is held prior to the commencement of the day's work and that is attended by all the relevant employees associated with the work task
Principal contractor	(In the text of this document) Means an employer, as defined in section 1 of the OHS Act, who intends to tender for or has signed a contract with Eskom for services rendered
Provincial director	(OHS Act) means the provincial director as defined in Regulation 1 of the General Administrative Regulations under the Act
Responsible Manager	Is a Manager of a department, section or operating/business unit who has been appointed as part of the Eskom delegation of authority process with the aim to assist the applicable 16(2) assigned person in executing his/her duties in terms of the Occupational Health and Safety Act
Risk assessment	(OHS Act) means a programme to determine any risk associated with any hazard at a construction site in order to identify the steps needed to be taken to remove, reduce, or control such hazard
Risk Profile	A profile based on results of a risk assessment process that indicates the significance and the category (assets, people or environment) of risks to Safety, Health and Environment
Safety	Includes the activities related to injury prevention, fire prevention, damage control and occupational hygiene
Scaffold	Any temporary elevated platform and supporting structure used for providing access to and supporting worker or materials or both
Site	means an Eskom department, unit, complex, building, specific contract, work site, or the site where agents, clients, principal contractors, contractors, suppliers, vendors, and service providers provide a service to Eskom, directly or indirectly
Service provider	any private person or legal entity that provides any service(s) to Eskom for compensation

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Structure	a) any building, steel or reinforced concrete structure (not being a building), railway line or siding, bridge, waterworks, reservoir, pipe or pipeline, cable, sewer, sewage works, fixed vessels , road, drainage works, earthworks, dam, wall, mast, tower, tower crane, bulk mixing plant, pylon, surface and underground tanks, earth retaining structure or any structure designed to preserve or alter any natural feature, and any other similar structure, b) any false work,scaffold or other structure designed or used to provide support or means of access during construction work, or c) any fixed plant in respect of work which includes the installation, commissioning, decommissioning or dismantling and where any such work involves a risk of a person falling
Subsidiary	(an enterprise controlled by another (called the parent) through the ownership of greater than 50% of its voting stock
Supplier	(32-1034)means a natural or legal person who renders a service and may include the following current or potential supplier vendor, contractor, consultant
Task	a segment of work that requires a set of specific and distinct actions for its completion
Toolbox talks	where the team leader, after conducting pre-task planning, shares all the tasks at hand and discusses task allocation, the identified risks, and the control measures with all his/her team members on site before commencing a specific task and documenting the agreed strategy (This shall be done to ensure common understanding of the tasks, risks, and control measures required)
The Act	(OHS Act) means the Occupational Health and Safety Act No 85 of 1993, as amended, and the Regulations thereto
Visitor	any person visiting a workplace with the knowledge of, or under the supervision of, an employer

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2.2.4 Classification: published in any public forum without constraints (either enforced by law, or discretionary)

2.3 ABBREVIATIONS

Abbreviation	Description
CR	Construction Regulations of the OHS Act
AIA	Approved Inspection Authority
BU	Business Unit
CE	Chief Executive
COID Act	Compensation for Occupational Injuries and Diseases Act
DMR	Driven Machinery Regulations
DoEL	Department of Employment and Labour (Inspection and Enforcement services – Provincial office)
EP	Emergency Preparedness
ERfW PAR	Environmental Regulations for Workplaces Physical Agents Regulations
HBA	Regulations for Hazardous Biological Agents
GAR	General Administrative Regulations
GSR	General Safety Regulations
HCA	Regulations Hazardous Chemical Agents
LDV	Light Delivery Vehicle
SDS	Safety Data Sheets
NEMA	National Environmental Management Act
OHS Act	Occupational Health and Safety Act and Regulations, 85 of 1993
PAR	The Physical Agents Regulations, 2024
LoG	(COID) Letter of Good Standing
SACPCMP	South African Council for the Contract & Construction Management Professions
SABS	South African Bureau Standard
SANS	South African National Standard

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2.4 APPLICABLE PROCEDURES

The procedures listed below must be complied with when conducting work at Koeberg Operating Unit

- 32-520 Occupational Health and Safety Risk Assessment Procedure
- 32-95 Occupational and Health Incident Management Procedure
- 32-418 Working at Heights Standard
- 335-3 Conduct of Maintenance: Reference Manual
- KAA-708 Processing a Safety Assurance Certificated and Work in Hazardous Areas
- KAA-751 Chemical Restrictions and Controls at Koeberg (Crack) Programme
- KGA-067 SHE Risk Assessment Guide
- KAA-866 The Management of Incidents, Occupational Injuries and Diseases at Koeberg Nuclear Power Station
- KGA-073 SHE Specification Guideline
- KSA-069 Foreign Material Exclusion
- KSA-149 Plant Material Condition Standard
- KSA-130 Standard for Electrical Safe Working
- KSA-141 Occupational Hygiene process and programme
- KAA-611 Emergency Mustering, Accountability and Evacuation
- KSA-132 Lifting and Rigging Program
- KSA-025 The Control of Flammable and Combustible Liquids
- MANDIR 009 Personal Protective Equipment Code for the Koeberg Operating Unit
- KSA-141: Occupational Hygiene Process and Programme

2.5 RELATED/SUPPORTING DOCUMENTS

Eskom OHS Act section 37 (2) agreement to be signed at procurement during the signing of the NEC contract, it is the responsibility of the contract manager to ensure that the 37(2) agreement is signed and a copy be kept in the contractor file at procurement

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3. DOCUMENT CONTENT

3.1 SCOPE OF WORK

- 4. THE SCOPE OF WORK WILL COVER THE PROVISION OF SECURITY SERVICES (PHYSICAL GUARDING, ARMED RESPONSE/PATROLS AND AD-HOC SERVICES) AT KOEBERG (NKP & NON-NKP SITES AND SURROUNDING AREAS) FOR 24 HRS FROM 06:00 - 18:00 (MORNING SHIFT) AND 18:00 - 06:00 (NIGHT SHIFT), 7 DAYS A WEEK FOR THE PERIOD OF 60 MONTHS.**
- 5. FURTHERMORE, THE SCOPE FOR SECURITY SERVICES TO INCLUDE, BUT SHALL NOT BE LIMITED TO THE FOLLOWING CATEGORIES OF SERVICES:**
- 6. A) CATEGORY A: INCLUDES ACCESS CONTROL, PATROLS, STATIC GUARDING AND RADIATION WORKER DUTIES**
- 7. B) CATEGORY B: INCLUDES ARMED RESPONSE, AD-HOC'S, TACTICAL RESPONSE AND K9 (CANINE) AS PER URS-KNPS-SEC-01**

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Note: The requirements outlined in this document form part of the baseline and do not preclude the service provider from proposing alternative solutions, provided such alternatives meet or exceed the intent, performance, and safety objectives of Eskom standard.

7.1.1 Purpose

The purpose of this document is to describe formally the minimum requirements for the type of services to be provided by the contracted security service provider at Koeberg. Furthermore, the document seeks to clarify the roles and responsibilities of each party, defines mutual dependencies, provides a framework for common understanding between the parties and describes how non-performing/nonconforming relationships will be managed. The service tabled in this document are minimum or baseline requirements and service provider can propose additional solutions to the minimum requirements to adequately secure the sites and employees.

7.1.2 Applicability

This document is applicable to Koeberg Nuclear Power Station.

7.1.3 Effective date

This document becomes effective once approved.

7.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

7.2.1 Normative

- [1] 32-1034 Eskom Procurement Policy
- [2] 2-727 Safety, Health, Environment and Quality (SHEQ) Policy
- [3] ISO 9001 Quality Management Systems
- [4] ISO 18788 2015 Management System for Private Security Operations
- [5] Occupational Health and Safety Act 85 of 1993
- [6] Prevention of Organised Crime Act 121 of 1998
- [7] Protected Disclosures Act 26 of 2000
- [8] The Promotion of Access to Information Act 2 of 2000
- [9] Critical Infrastructure Protection Act 8 of 2019

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- [10] National Key Points Act and Regulations, Act 102 of 1980
- [11] National Key Points Directive, CS/OPS/NSP/P/329/1/B
- [12] National Nuclear Regulatory Act 47 of 1999
- [13] The Criminal Procedure Act 51 of 1977
- [14] Firearms Control Act 60 of 2000
- [15] National Strategic Intelligence Act 39 of 1994
- [16] Eskom's Procurement and Supply Chain Management Policy 32-1033
- [17] Private Security Industry Regulation Act and Regulations, Act 56 of 2001
- [18] Private Security Industry Levies Act 23 of 2000
- [19] Eskom's Procurement and Supply Chain Management Procedure 32-1034
- [20] Integrated Risk Management Policy 32-86
- [21] Safety, Health, Environment and Quality (SHEQ) Policy 32-727
- [22] Eskom Incident Management Procedure 32-95
- [23] Eskom Delegation of Authority Policy 240-62072907
- [24] Employment Equity Act 55 of 1998
- [25] The Eskom Code of Ethics 32-527
- [26] Security Service Provider Code of Conduct (PSIRA)
- [27] PFMA Reporting Procedure 2 32-92
- [28] Protection of Personal Information Act 4 of 2013 (POPIA)
- [29] Animal Act 7 Of 1991
- [30] Performing Animal Protection Amendment Act (Act 4 of 2016)
- [31] National Nuclear Regulatory Act 47 of 1999
- [32] Eskom Framework for physical security guarding services
- [33] Implementation of Eskom Outcome Based Contracts Security Tender
- [34] Security Vetting Policy 32-0122M
- [35] Contractor Access Control Standard 32-0126M
- [36] 32-86 Integrated Risk Management Policy
- [37] 32-84 Security Risk Management Policy
- [38] 32-139 The Control of Eskom Firearms and Ammunition
- [39] 32-95 Safety, Health, and Environmental Incident Management Procedure
- [40] 23-727 Safety, Health, Environment, and Quality Policy
- [41] 32-144 Safekeeping of Private Firearms and Ammunition
- [42] 32-1138 Handling and Safe Practices for Private Firearms and Ammunition on Eskom Premises

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- [43] 32-1300 Process Control Manual for Access Control in Eskom
- [44] 335-67 Fitness for Duty Requirements for the Nuclear Operating Unit
- [45] 335-68 Fitness for Duty Process for Staff who are required to Perform Work at the Nuclear Operating Unit

2.2.2 Informative

- [46] Act 31 of 2002, The Immigration Act
- [47] Act 6 of 1959, The Trespass Act
- [48] Act 140 of 1992, The Drugs Act
- [49] Act 71 of 1968, Dangerous Weapons Act
- [50] Control of Access to Public Premises and Vehicles Act, No 53, 1985
- [51] Protection of Constitutional Democracy against Terrorists and Relative Activities, Act 33 of 2004
- [52] Constitution of the Republic of South Africa, 1996
- [53] Public Finance Management Act 1 of 1999
- [54] Protection of Information Act 84 of 1982
- [55] Prevention and Combating of Corrupt Activities Act 12 of 2004
- [56] Labour Relations Act 66 of 1995
- [57] Basic Conditions of Employment Act 75 of 1997
- [58] Basic Conditions of Employment Act 75 of 1997 Sectoral Determination 6 Private Security Sector

7.3 DEFINITIONS

Definition	Explanation
Asset	Anything that has tangible or intangible value to the organisation
Competence	Ability to apply knowledge and skills to achieve intended results
Security Vetting	Also referred to as security screening is the prescribed and systematic process of investigation (vetting investigation) followed in determining a person's security competence. Security vetting can be done pre- or post-employment.
K9 services	The security services utilising detection dogs and dog handlers to perform protection to persons, assets, buildings and other installations

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Contract	means an agreement between two or more parties, one being Eskom, with the intention of creating rights and obligations with legal consequences or effect, as amended from time to time
IAC	It is an electronic system that aims to collaborate and align efforts across the logical and physical security domains to standardise access control within Eskom
Incident	Event with consequences which have the capacity to cause loss of life, harm to assets, physical security breach, loss of assets, or negatively affect human rights and/or the fundamental freedoms of internal or external stakeholders, or any event that poses a threat to the security of an organization's assets
Non-compliance	Means the non-fulfilment of applicable legislative, regulatory, or organisational requirement such as Eskom's approved security policies, standards, directives, procedures, work instructions, and standard operating procedures
Non-performance	Means a non-fulfilment of applicable performance standards and Eskom's approved security policy standards, directives, procedures, work instructions, and standard operating procedures
Private Security service provider	An entity or organisation which conducts or contracts security operations and whose business activity includes the provision of security services, either on its own behalf or on behalf of another such entity or organisation
OBC Contract	An Outcome Based Contract is a type of agreement where the payment and evaluation are tied to the achievement of specific, measurable results rather than just the completion of the task or delivery of service
Guarding Service	The deployment of trained security personnel to protect people, assets, infrastructure and operations from security threats, unauthorised access, theft, vandalism, and other risk
Surveillance System	Is an integrated network of hardware and software designed to continuously monitor, record, and analyse activities within specified area. It typically incorporates devices such as cameras, sensors, and sometimes advanced analytical tools, all coordinated to provide real-time situational awareness
Tender	Refers to an open or closed competitive request for quotations / prices against a clearly defined scope / specification

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Integrated Access Control System	It is an electronic system that aims to collaborate and align efforts across the logical and physical security domains to standardise access control within Eskom
Control Centre	Where alarms and CCTV footage are monitored and needed response/s initiated from The alarms and CCTV footage can be aggregated to a national security control centre that can initiate requisite actions from a national perspective

7.4 ABBREVIATIONS

Abbreviation	Explanation
BU	Business Unit
SSP	Security Service Provider
NKP	National Key Point
NNR	National Nuclear Regulator
GX	Generation
OHS	Occupational Health and Safety
FCA	Firearms Control Act
SAPS	South African Police Services
PPE	Personal Protective Equipment
PSIRA	Private Security Industry Regulation Authority
SOW	Scope of Work
IAC	Integrated Access Control System
SASSETA	Safety and Security Sector Education Training Authority
SHEQ	Safety, Hygiene, Environmental and Quality
OBC	Outcome-Based Contract
CCTV	Closed Circuit Television
KPI	Key Performance Indicator
RFP	Request for Proposal
SSP	Security Solutions Physical
SACAA	South African Civil Aviation Authority
COIDA	Compensation for Occupational Injuries and Disease Act
PSIRA	Private Security Industry Regulation Act
ROI	Return On Investment
PAPAA	Professional Association of Proprietary Agencies and Authorities
PSIM	Physical Security Information Management Systems

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8. LEGISLATIVE AND REGULATORY FRAMEWORK

8.1 NATIONAL KEY POINTS ACT COMPLIANCE

As a designated National Key Point under the National Key Points Act 102 of 1980, Koeberg Nuclear Power Station is subject to stringent regulatory requirements that mandate comprehensive protection of strategic infrastructure. The Act empowers the Minister of Police to declare and protect sites of national strategic importance against sabotage, espionage, and other threats that could compromise national security or economic stability.

This designation places specific obligations on Eskom as the facility owner, including the implementation of approved security measures as identified in the SAPS GSR Assessment and includes the maintenance of occurrence books for incident recording, and immediate notification of security breaches to relevant protecting authorities. Adherence to prescribed training standards according to the NKP Act and Firearm Control Act.

The National Key Points framework requires that all security measures implemented at Koeberg must align with prescribed **SAPS GSR Assessment, Minimum Physical Security Standard (MPSS) and other** standards for perimeter protection, access control, surveillance systems, and personnel vetting procedures. Non-compliance with these requirements can result in severe legal consequences, including prosecution under National Security Legislation.

8.2 PSIRA REGULATORY COMPLIANCE

All security service providers contracted to operate at Koeberg Nuclear Power Station must demonstrate full compliance with the Private Security Industry Regulation Act 56 of 2001. This legislation establishes the Private Security Industry Regulatory Authority (PSIRA) as the governing body responsible for regulating all aspects of private security operations in South Africa. Compliance requirements include company registration, individual licensing of security personnel, adherence to prescribed training standards, and maintenance of operational records that meet regulatory specifications.

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PSIRA compliance extends beyond basic registration to encompass ongoing obligations for skills development, equipment certification, and operational auditing. Security technology providers must demonstrate that their personnel possess appropriate qualifications for handling sophisticated security systems, including biometric technologies, integrated surveillance platforms, and access control networks. Additionally, any firearms or specialised security equipment deployed at the facility must be properly licensed and registered in accordance with PSIRA regulations and related firearms legislation.

The regulatory framework also mandates that security service providers maintain comprehensive insurance coverage, establish formal complaints procedures, and participate in industry oversight mechanisms. These requirements ensure that contracted providers operate within legal parameters while maintaining professional standards that align with the critical nature of National Key Point protection.

8.3 NNR REGULATORY COMPLIANCE

KOEBERG NUCLEAR POWER STATION IS A NUCLEAR FACILITY AND IS SUBJECT TO STRINGENT REGULATORY REQUIREMENTS FROM THE NATIONAL NUCLEAR REGULATOR.

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9. SCOPE AND SPECIFICATIONS FOR THE SECURITY SERVICES CONTRACT

Note: The requirements outlined in this document form part of the baseline and do not preclude the service provider from proposing alternative solutions, provided such alternatives meet or exceed the intent, performance, and safety objectives of Eskom standard.

Rendering security services at Koeberg Nuclear Power Station (NKP Site & Non-NKP Site and surrounding areas) for 24 hrs from 06 00 - 18 00 (morning shift) and 18 00 - 06 00 (night shift), 7 days a week for the period of 60 months

This Service is for guarding, access control and patrol (vehicle and foot patrols) duties from 06 00 -18 00 (morning shift) and 18 00 - 06 00 (night shift), seven 7 days a week at the areas as indicated below

9.1 THE FOLLOWING ARE THE MINIMUM REQUIREMENTS FOR THE CONTRACTOR/ SERVICE PROVIDER:

Dayshift (06:00 – 18:00) (Monday to Sunday)	
Deployment number	Competency
02 x Supervisors	PSIRA Grade B, NKP registered
04 x Armed Response Officers/Patrols	PSIRA Grade C, NKP registered
30 x Security Guards	PSIRA Grade C, NKP registered
Night shift (18:00 – 06:00) (Monday to Sunday)	
02 x Supervisors	PSIRA Grade B, NKP registered
04 x Armed Response Officers/Patrols	PSIRA Grade C, NKP registered
30 x Security Guards	PSIRA Grade C, NKP registered

- A maximum of 10 x female security officers per shift
- A minimum of 6 x Radiation Workers per shift

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Dayshift (06:00 – 18:00) (Monday to Friday)	
Deployment number	Competency
01 x Site Supervisor	PSIRA Grade A, NKP registered
01 x Safety Officer	SAMTRAC, HIRA and Legal Liability
01 x Admin Support	PSIRA Grade C, NKP registered

- All security staff comply to, PSIRA, NKP and Firearm Act (firearm competent) requirements
- Two 4x4 security patrol/response vehicles installed with communication system, tracking system and strobe light per vehicle

NB: All security officers' equipment /site requirements listed below shall form part the **overhead fee and profit percentage** as per the PSIRA Sectoral Determination Guideline to ensure that the officers are fully equipped to perform their duties

- Pocketbook and Pen
- Batons
- Pepper Sprays and neutralizers
- Torches (including batteries)
- Handcuffs
- Fire extinguishers for their vehicles
- Panic buttons
- First aid kits
- Bodycams (x 10)
- Bullet proof vests (Level III Special SA Mix)
- Security uniforms in compliance with the PSIRA Act (i.e. badges, nametags), must include good quality rain gear and umbrellas
- Personal protective equipment (PPE) must include hardhat (3-chin strap), safety shoes, safety glasses, ear protection (>105dB), reflective jackets/vests
- Microwaves, kettles, fridges and heaters per post (oil heaters only)
- Computers/laptops and printer for administrative stuff (with access to internet and e-mail)

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- Operational Firearms (15 x 9mm pistols and 5 x semi automatic rifles) (ammunition requirements – two full magazines per firearm)
- Firearm Holster with a retaining device or lanyard attached to the person and firearm

9.2 SHIFT REQUIREMENTS

60 x Grade C NKP Trained Guards, 8 x Armed Response/patrol Grade C NKP Trained Guards and 4 x Grade B Supervisors for Day and Night Shift

All security staff comply to, PSIRA, NKP, Firearm Act

- The supplier to provide NKP trained Armed Grade C security officers to protect the NKP and non-NKP sites
- All Security officers must be registered with PSIRA at grade “C”, Supervisors be registered at grade B and Site Supervisor to be registered at Grade A
- All security officers must be in possession of their PSIRA and company I D card at all times
- NKP trained armed security officers must possess valid firearm competency certificates (issued by SAPS) for business purposes and carry it at all times
- NKP trained armed security officers must always carry Firearm Daily Permits in terms of the Firearm Control Act
- NKP trained armed security officers must have completed SASSETA training (Handling and use for business purpose) on 9mm and semi-automatic rifles as approved by Eskom **Revolvers are specifically excluded for usage**
- NKP trained armed security officers must have undergone Regulation 21 training and continue to do so for at least twice a year and the training records to be available on site
- Technical maintenance certificates must be available for all issued firearms on inception and annually
- Security Company is responsible for providing firearms, ammunition, and registers as per Firearm Act
- Only company firearms licensed in the security service providers name shall be utilised as per this contract
- The contractor must ensure provision of equipment/facilities for making firearms safe A procedure to that effect, should also be in place
- The service provider must ensure that Security officer’s private firearms are not utilised for their business purposes, in terms of this contract

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- Results of Criminal clearance (background checks), from AFIS accredited service providers are required before any access to site can be granted, the screen result must not be older than 3 months The criminal screen shall be repeated every 12 months
- Security officers should have Grade 12 (Matric) qualification and be able to read and write and express themselves well in English
- Security officers may be required to undergo a polygraph test as and when required to confirm or refute any gross negligence in line with the performance of their duties
- Security Officers must be sober at all times and will be subject to alcohol screening and testing procedures in line with Eskom's Lifesaving rules

Access control duties

Access control activities consist of the control and management of the movement of assets, goods/ equipment, employees, visitors and contractors entering Koeberg Nuclear Power Station

Positive identification at access control point:

- Eskom Employee and contractors to be identified positively by means of valid Eskom Koeberg issued permit
- Visitors to be identified positively by means of valid SA ID, passport, drivers licence
- Visitors' confirmation process must be adhered to before access is granted
- Ensure that Visitor's Safety Induction is conducted before access is granted
- Visitors must be escorted or accompanied by a host
- Declaration, recording and movement control of equipment and material
- Screening of persons and articles/parcels using electronic equipment ensuring prohibited items are not brought on site
- Conducting thorough searching to all persons coming in and/or leaving site
- Searching of vehicles, employees, visitors, contractors, containers and bags etc
- Alcohol testing of all personnel for possibility of being under the influence, by use of breathalysers Also carrying out random checks on the site when required Service provider is responsible for the training cost of their personnel for all breathalyser equipment used
- Using metal detectors, x-ray machines and mirrors to prevent personnel from removing items from the site or bring them onto site without authorisation
- The service provider shall ensure that the gates (where applicable) are kept closed and locked at all times to prevent unauthorized entry

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- The security service provider shall ensure that ONLY authorised Eskom employees and contractors shall enter the assigned areas
- All security guards must familiarise themselves with the site-specific procedures on access control including identifying of persons entering and searching of vehicles

NB: Should there be any unauthorized property found in the possession of persons entering and exiting the mentioned areas, Eskom Security (Security Manager, Officer Investigation or Supervisor on duty) shall be contacted for further investigation

9.3 STATIC GUARDING DUTIES

The provision of static armed trained guards to perform guarding duties at a national key point and Non-National key point areas, including areas within the nuclear plant (controlled zones)

- The contractor shall safeguard critical Eskom assets within areas mentioned on the scope and report any suspicious activities or criminal activity within their vicinity to Eskom Security Supervisor on duty and or Security Manager
- The specific plant areas where the resources shall be deployed and shall focus on, might change during the deployment period as certain risks become known or evolve
- To guard the buildings and patrol the outside of the buildings
- Keep records of employees/visitors and contractors accessing the buildings/ areas
- Report any suspicious activities to the Koeberg Nuclear Power Station security control room

9.4 ARMED RESPONSE AND PATROL DUTIES.

4 x 4 vehicles to be used for Armed Response and patrol duties (must meet the requirements of Eskom Safety Vehicle Specifications, Policy 32-345) The service must be delivered on a 24-hour basis, 7 days a week Site vehicle patrols of a maximum of 200 kilometers per vehicle per 24 hrs to be covered during patrols of that area

- Armed Response team will be deployed in key strategic areas determined by changing risks and/or business requirements officially communicated by the Security Manager This will include response and investigation of alarms that are activated on the +-105 Public Notification Sirens which are located within a 16km radius of Koeberg Nuclear Power Station

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- Both foot and vehicle patrols teams, shall provide a real time guard monitoring or guard patrol capability The service provider and the system shall be capable of generating monthly reports, in line with service delivery
- Patrolling, monitoring, safeguarding of affected critical and vulnerable plant and other random proactive patrols in and around targeted areas and shall focus on detecting, deflecting and defending against act of criminality such as plant tempering, vandalism, unauthorized access, unauthorized removal of asset and equipment, bypassing security measures, security breaches, security incidents
- Visiting and patrolling of Eskom sites at irregular intervals and not in a specific sequence, to detect the presence of unauthorized person, suspicious activities or occurrences that may endanger personnel or critical infrastructure
- Armed Response/ vehicle patrol officers must respond with urgency to security breaches, perimeter control, containment and command and other serious incidents that threaten the safety and security
- Armed Response/ Vehicle patrol officers Grade C with Armed response Training and shall be physically and mentally fit to perform the nature of duties
- Armed Response / Vehicle patrol officers must have completed SASSETA business purpose training on the specific firearms they are expected to use (handgun/semi-automatic rifle)
- Armed Response / Vehicle patrol officers must possess valid firearm competency certificates for business purposes issued by SAPS and should have undergone Regulation 21 training for the contracting period for the starting year & annually thereafter Proof of training will be required before commencement of the duties
- Security officers expected to perform driving activities as part of their tasks should have undergone driver's training at an accredited institution and have a valid driver's license This should include 4 x 4 driving training
- Patrol and inspect the Employer's premises, namely offices, stores, buildings whether they are kept closed and locked and report any breaches
- Inspect physical security perimeter (inner and outer) as well as the inner energized fence for breaches / intrusion / damage

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- While doing vehicle patrol along the perimeter fence, inspect the patrol route and all other areas that require attention
- Respond to all security and operational emergencies and report any incidents/findings
- Report defects / damages on all security systems & lighting observed
- A plant orientation will be conducted once the induction and access authorization processes have been completed
- The Eskom Security Manager or his delegate reserves the right to re-direct crime prevention activities in his area of responsibility. No deviation from the operational plan without the authorization of the Eskom Security Manager or his delegate will be permitted

9.5 SUPERVISION BY THE NKP TRAINED GRADE “B” SUPERVISOR

- The Supervisor must be knowledgeable about the conditions and the scope of work contained in this contract and be capable of rendering the service
- All deployed guards must be supervised by a PSIRA Grade B supervisor. The supervisors must ensure that guards deployed at remote sites or areas with transport challenges are assisted to reach the sites
- Standard Operating procedures / work instructions to be drafted for manned / deployed areas & communicated to on duty personnel for adherence
- The posting of guards is required to be done by the Supervisor at all sites (the practice of “self-posting” is not permitted). All equipment must be tested during each shift change
- Inspection of the Occurrence Book daily (postings to be acknowledged and specified in the OB for each posting site and, to be logged in detail), and escalating OB risks to the Eskom Security Manager
- Submissions of shift posting sheets and patrol reports to Eskom Security Manager
- To submit vehicle log /check sheet as per the site requirements
- Update guards with new communication/other risks on daily requirement/posting
- The Employer may, having stated reasons, instruct the contractor to remove a key person
- Monitor all contract security guards and report all their needs to the Site Supervisor

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- Provide vehicle tracking reports on a weekly basis to correlate patrols conducted
- The contractor may not replace any of the key officers, without prior written notice to the Project Manager/Security Manager

9.6 SITE SECURITY SUPERVISOR DUTIES

- The Contractor's Site Supervisor must ensure that the contractor's personnel co-operate fully to execute the services to the Employer's satisfaction, comply with the applicable standards, codes and instructions and to achieve specific agreed to objectives.
- All deployed guards must be supervised by a duly assigned and delegated minimum PSIRA Grade B Supervisor per shift
- The Supervisors must ensure that security personnel reach the site and paraded 15 minutes before reporting on and off duty
- The posting of security personnel is required to be done by the Supervisor at all sites (the practice of "self-posting" is not permitted)
- All equipment must be tested during every shift change, and all defective or unserviceable equipment must be replaced immediately
- Plan to patrol of other vulnerable/ hot spots areas and critical infrastructure as indicated by the Koeberg Security Operations Procedure
- Submit the updated personal file for all security personnel weekly/ Legislative Compliance
- Submit monthly time sheets, monthly safety stats, vehicle trips, Incident investigation to the Service Manager/ Security Manager
- Conduct monthly meetings with supervisors/security guards and provide feedback to the Project Manager/ Security Manager
- Keep the security guards file update in term of compliance/Audit by PSIRA, NKP, Eskom and SAPS In addition, submit the action close out plan to the Security Manager
- Submit copies of signed PSIRA Code of Conduct of all Security Officers deployed at sites
- Arrange training/refresher as per the requirement
- Keep records of medical fitness

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- Report all incidents immediately as per applicable incident reporting procedures and submit a report to the Security Manager
- The contractor may not replace any of the key persons, without prior written notice to the Project Manager/Security Manager

9.7 AD-HOC SECURITY-RELATED SERVICES

Ad-hoc security-related services required which may be requested for a specific task and any period and at any given time which includes

- ✓ Tactical Response Team x 10 Grade C, and 2 x supervisors Grade B
- ✓ Static guarding (Outages) x 20 Grade C, NKP Trained
- ✓ K9's & Handlers (Narcotic and explosive)
- ✓ Mobile Cameras x 02
- ✓ Drones

The service will be required on an, as and when required bases, as per the identified security threat condition. A 12-to-48- hour notice to the Security service provider will be given, to ensure the availability of sufficient armed Response team. Requests be made by the duly appointed Service Manager.

A plant orientation will be conducted once the induction and access authorization processes have been completed.

9.7.1 Tactical Response Team (TRT) x 10 - Security Officer Minimum Requirements (as and when required service):

- A Shift Supervisor Grade B minimum with TRT Training
- TRT security officers Grade C with TRT Training
- Grade C armed TRT officers shall be physically and mentally fit to perform the nature of duties as detailed in site specific scope of works, determined by changing risks and/ or business requirements
- TRT security officers shall have training and expertise in the use of specialized tactical equipment for crowd control

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- TRT officers must respond with urgency to security breaches, perimeter control, containment and command and other serious incidents that threaten the safety and security of the NKP and Non NKP
 - TRT officers must have completed SASSETA business purpose training on the specific firearms they are expected to use (handgun/rifle)
 - TRT officers must possess valid firearm competency certificates for business purposes issued by SAPS and should have undergone Regulation 21 training for the contracting period for the starting year & annually thereafter Proof of training will be required before commencement of the duties
- The Service provider must ensure that all the employees or work force have the relevant tactical Response and Special Operation uniform or gear

9.7.2 Specification for K9's & Handler services, (*as and when required service*):

- The K9 services and functions shall encompass interdependent tasks with elements and concepts which include to assess, monitor, detect, respond, inspect and restrain
- A Security Service Provider who supplies K9 and Handlers must fully comply and adhere to the specifications & requirements as per the PAPA Act
- K9's & Handlers must be trained, accredited and undergo continuous refresher training for the duration of the required services
- The Service Provider must have a valid license issued to them according to the Performing Animal Protection Act 24 of 1935 and amendments of 2016 by the Dept of Forestry, Fisheries and Environment
- The Service Provider must have records of State Veterinarian visits to the site confirming compliance to the requirements of PAPA Act, for licensing conditions
- The Service provider must be registered with PSIRA as authorized to use K9's for security services
- The Service provider must be registered with GSR NKP SAPS K9 Office to provide service at a National Key Point area Registration of K9 & Handlers with the Government Security Regulator K9 section will be compulsory
- The Service provider must keep and make available vaccination, parasite control records, feeding registers, working (shift), rest period & illness registers as per the requirements of the PAPA Act

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- Service provider shall only provide fully trained, competent, accredited K9 handlers, PSIRA registration certificates must be indicative of such,
- All K9 Handlers must be registered with PSIRA and possess a minimum of Grade C registration valid certificate Dog Handlers must always be in possession of their PSIRA and company Identity card when on duty
- A K9 handler (security officer working with a dog) must have been trained at a PSIRA and SASSETA accredited K9 training centre He/she must be in possession of a certificate issued by PSIRA, stating the level of competency regarding dog training DH 2 for patrol work
- The Dog Handlers must be physically and mentally fit for the job Physical medical evaluation reports to be submitted to the Employer before commencement of contract at the cost of the Security Service provider
- Dog Handlers must be able to read and write English
- Should the K9's be housed on site, all requirements regarding their housing & wellness be looked after by an appointed Kennel caretaker

9.7.3 Aerial Surveillance Operations

Legal and Regulatory Compliance

All drone operations must comply with

- South African Civil Aviation Authority (SACAA) regulations
- Remote Pilot License (RPL) requirements for all operators
- Aircraft registration and operational certificates
- Third-party liability insurance (minimum R2 million coverage)
- Visual Line of Sight (VLOS) operational parameters
- Restricted airspace compliance (military installations, schools, public areas)

Flight altitude restrictions (maximum as per SACAA guidelines)

i. Drone Specifications and Requirements

- Maximum weight 7kg (unless special permits obtained)
- Night vision capabilities (thermal and infrared technology)

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- High-definition recording capabilities
- GPS tracking and flight logging systems
- Weather-resistant operational capability
- Minimum 2-hour continuous flight time
- Real-time video transmission to control room

ii. Operational Parameters

- Coverage Areas (30km radius from Koeberg Power Station)
- Complete power station infrastructure
- Perimeter fencing and access points

iii. Operational Schedule

- As and when required

iv. Pilot Qualifications and Requirements

- Valid SACAA Remote Operator Certificate
- Clean criminal record with disclosure requirements
- English language proficiency
- Secrecy declaration agreement
- Security screening clearance
- Site-specific SOP training
- Eskom safety induction completion

9.8 SHIFT RELIEF/ HAND OVER PROCEDURE

A formal Shift relief handover will be done daily as prescribed below

- A Security guard shall not leave his/her post of duty unless his/her relief has arrived
- The Security guard will not leave his/her post of duty until the delegated Eskom employee or security supervisor has arrived and is satisfied that all is in order

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- The security guard taking over must satisfy himself/herself that all is in order before accepting full responsibility
- He/she must check that any equipment, torches, two-way radios, telephones, firearms, etc are on *hand and in operational order*
- He/she must also ensure that all required registers are up to date and on hand. Should there be any keys on hand, these must also be checked
- The security guard taking over duty must make an appropriate entry in the OB thereby verifying that all is in order at shift take-over. Any shortcomings must be reported to the security supervisor and Eskom Security Operation Officer. It must also be recorded in the OB
- The Security guard going off duty must stay and witness the security guard taking over. He/she must make an entry in the OB stating his/her name and that he/she has handed over duty and full responsibilities to the new guard, stating his/her name. He/she must also state everything is in order and all equipment used is operational
- The new relief Security guard must make an OB entry confirming that duty and responsibility have been taken over. He/she must also confirm that everything is in order and all equipment is on hand and operational

9.9 INCIDENT MANAGEMENT

- All incidents and response to incidents must be handled according to the relevant Koeberg Security SOP and/or work instructions
- All incidents and response must be immediately reported to the Eskom control room
- The SAPS must be contacted immediately only for criminal or suspected ongoing criminal activities
- Weekly status reports are to be supplied by the contractor
- The Contractor to ensure that all involved personnel are available for relevant court proceedings, incident investigations and assist Eskom and the SAPS in their investigations as and when required

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All SHEQ incidents should be reported before end of shift (Flash report) Preliminary Investigation must be conducted within 07 days and the final incident investigation report must be provided within 10 days from the date of occurrence

9.10 DOCUMENTATION

The following documentation to be supplied by the security service provider

- Proof of company registration with SAPS to render the service at the National Key Point area (Koeberg Nuclear Power Station specific)
- Proof that the supplier is registered as a training facility or have access to PSIRA, NKP and SASSETA registered training facilities and shooting range (as per NKP standard)
- Provide Company PSIRA registration Certificate
- Company's participating in Security Provident fund
- List of all employed security officers to be deployed on Eskom sites in terms of this contract
- Criminal background check certificates for each security officer intend to be brought to site
- Certified ID copies, PSIRA certificates of security personnel employed for the contract
- Certified copies of Grade 12 (Matric) certificates
- Psychological Assessment (Contract security officers shall undergo a psychological assessment prior to employment which declares the officer fit to perform security duties, including the handle and use of firearms Ad-hoc assessments will take place should a situation requires it The cost for psychological assessments will be carried by the service provider)
- Medical Fitness Certificate (individuals shall pass a medical assessment to verify that they have no physical weaknesses or abnormalities that could adversely affect them
 - Medical Assessment will include a drug test
 - Medical assessments shall be administered by a licensed health professional
- Firearm Assessment
- Certified copies of valid firearm competency certificates of the security officers
- List of all company's firearms to be used and certified copies of the licenses issued by SAPS

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- Certified copies of all Security officers' SAPS firearm competency certificates
- Certified copies of SASSETA training certificates for all armed Security officers
- Certified copies of the company and Directors PSIRA registrations certificates
- Certified copies of Advance driving course, for all drivers
- Certified copies of K9 Handlers training certificates for all handlers
- A list of all vehicles, license & maintenance records for vehicles to be used as per this contract
- Driver risk profiles must be submitted for every driver as per this Service provider
- A compressive site risk assessment report for all areas
- Emergency Preparedness procedure with relevant contact details
- Equipment list per site
- Standard operating procedures per site to include the following but not limited to and should be approved by Eskom representative before application
 - Incident response, management and reporting
 - Staff member postings (how staff will get to site and back home)
 - Wearing of uniform standard
 - Communication procedure
 - Firearm handling procedure
 - Medical emergency procedure
 - Shift changes
 - Response process

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9.11 ELECTRONIC SECURITY REGISTERS

The service provider to propose a suitable electronic register to transition from traditional paper-based to digitalized register at Koeberg. The system must ensure that records are retained for a minimum of 12 months, are readily retrievable for inspection and available to Eskom any time.

Register / Document	Traditional Paper Requirement	Electronic Register Equivalent	Key Features / Controls
Posting Sheets	Printed duty rosters for guard posting	Digital duty roster (accessible on mobile or PC)	Real-time updates, role assignments, shift reminders, exportable reports
Patrol Reports	Handwritten patrol notes	Mobile patrol logging app (QR, NFC, GPS checkpoints)	Auto time-stamp, proof of presence, exception alerts
Firearm Handover / Takeover Register	Signed handover logbook	Digital firearm management system	Weapon ID scan, officer ID, supervisor e-signature, audit trail
Firearm Permits	Paper permits issued & filed	Electronic firearm permit system	Digital storage of permits, searchable by officer/serial number
Firearm Discharge Register	Manual log after discharge	Incident reporting module	Incident capture with notes, photo/video evidence, automatic report submission
Weekly / Monthly Inspection Registers	Signed inspection sheets	Digital inspection checklists	Auto reminders, photo evidence upload, compliance tracking
Monthly Safety Inspection Register	Manual monthly entries	Safety audit form in system	Checklist-driven, digital signatures, dashboard compliance %
Pocket Book	Guard's personal notebook	Guard app digital pocketbook	Notes, incidents, photos, all timestamped & stored centrally
Inspection Reports (Weekly & Monthly)	Written reports filed	Auto-generated digital reports	Exportable to PDF/Excel, trend analytics
Safe Key Report	Manual safe key issue/return	Digital key management log	Records issue/return times, user PIN/biometric, alerts for overdue returns
Firearm Daily Permit Issuing Register	Daily paper permits	Daily digital permits	Easy tracking by officer, date, firearm ID
Ad Hoc K9 Services (PAPA)	Manual entry when dogs deployed	Digital K9 deployment log	Tracks handler, dog ID, task, time on/off, PAPA compliance
Occurrence Book (OB)	Bonded OB with shift logs, patrols, incidents	Electronic Occurrence Book	Shift sign-in/out, patrol logging, incident recording, supervisor visits (e-signed), tamper-proof audit trail

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9.12 SAFETY REQUIREMENTS

- All vehicles utilized to transport staff, must be fitted with SABS approved seatbelts
- The Service provider is responsible to ensure that the security officers deployed at Ad-hoc sites have access to a shelter, water and sanitation
- All Security officers should receive a safety induction before they can be deployed on Eskom sites
- Safety recommendations following an incident shall be implemented by all Security Service providers to prevent further reoccurrences at any of the Eskom site, as per allocated timeframes
- Open fires, the use of bar heaters and hotplates as heaters at Eskom sites, is totally prohibited
- Security officers should observe the provisions of the Criminal procedure Act and all relevant legislation regarding the use of minimum force Security officers should at all-time use minimum force sufficient to bring the situation under control and such force shall cease as soon as the situation is brought under control No deliberate assault on suspects will be condoned

9.13 TECHNICAL EQUIPMENT REQUIREMENTS

The requirements are designed to ensure operational reliability, compliance with Eskom standards, and integration with the broader security infrastructure, including the Physical Security Information Management (PSIM) system All equipment shall be fit for purpose, compatible with existing systems, and capable of sustained performance under site-specific environmental conditions

The service provider shall be responsible for the maintenance, servicing, upgrading existing security and where necessary, the design, supply, and commissioning of their own systems at Koeberg Power Station This shall include

9.13.1 Mobile Cameras

The company will be required to provide mobile surveillance cameras as per the BOQ as and when required as per the identified security threat condition A 12-to-48- hour notice to the Security service provider will be given to ensure availability of security surveillance system Requests be made by the duly appointed Service Manager Solar Generator Trolley mobile cameras the service provider should supply as and when required the high performance,

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- portable power solution designed mobile cameras equipped with powerful solar panels With a robust and weatherproof design built to withstand tough condition and provide dependable power when needed

9.13.2 Panic buttons

- Panic Button shall be provided on each site where security officers are deployed to enable a quick response to any emergency Panic buttons must be linked to the service provider control room

9.13.3 Body cameras

- Body cameras (HD Video Recording, water resistance and dust resistance body cameras with docking system) supplied by contractor to each on duty security officer to be carried on their person for the duration of shift duties as per assigned access control, static guarding, patrol & alarm response duties These cameras must always be 100% functional & available Cameras & docking stations must have video download integration through software (DEMS) to securely transfer and manage the data

9.13.4 Guard patrol monitoring system

- Service provider to provide guard monitoring system to monitor guards patrolling routine and frequency The system must be installed as per scoped areas & monitored in the Eskom security control room The system must be 100% functional & available at all times & capable to generate a report to be submitted to the Security Manager on a weekly basis

9.13.5 Salaries and Payment

Security companies shall pay security guard at least the minimum wage specified on the Sectorial Determination, of the Private Security Sector, South Africa Register all security guards with the Department of Labour UIF, COID and Provident fund

9.14 UNIFORMS

- Sufficient quantity of combat gear uniforms to be provided to each security officer The Service provider must comply with legislative requirement (PSIRA Regulation 13)
- Uniform items must be kept in clean, neat and good condition at all times

Uniform must be functional in terms of the environment where security staff are deployed

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- Bullet proof vests shall be worn as part of uniform by all security officers. For obvious hygiene and safety reasons, each security officer must be issued with his/her own bullet proof vest
- All Suppliers' Security guards shall dress in full uniform when on duty and no private clothes will be permitted to be worn with their uniforms.
- The Service provider shall ensure that security guards uniforms are always neat and clean when on duty
- Reflective vests (bibs) will be worn with the uniform when required
- The supplier shall ensure that security guards are provided and wearing Level 111 protection body armour vest with uniform at all times
- The supplier shall provide correct PPE to the security guards (firearms prescribed by Eskom, torches, panic buttons, handheld radios, rain suits, safety boots and hardhats prescribed by Eskom)

9.15 REPORTING AND COMMUNICATION

- The Contractor must ensure suitable continuous communication between the operational control room and their deployed staff. Either one or more of the following mediums of communications shall be provided as per user requirements
 - Hand held radios,
 - Satellite radio,
 - Contracted cell phones,
 - Base radios (compulsory in all vehicles)
 - Push to talk (PTT) system (The radios should be able to cover the long range sites/areas)
- Deployed security personnel shall remain in constant reach and communication with the Eskom security control room, Supervisors, Security manager
- Situational reports and a complete operational report - Daily briefings and debriefings on location (issuing of tasks)

A communication platform will be established by the Security Service provider with the Supervisor / Operations managers and Eskom designated security personnel (to be

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- stipulated)
- Supervisors to provide weekly status report which will reflect the following
 - Daily postings
 - Vehicle information and Kilometres driven per day
 - Equipment checklist
 - Site firearm / ammunition register
 - Incident register (arrests, recoveries)
 - Occurrence register entries of note

9.16 MANAGEMENT MEETINGS

Regular meetings of a general nature may be convened to discuss

- Risk register and compensation of events
- Overall contract operational activities

Meetings of a special nature may be convened at times and locations that suit the parties. Records of these meetings are to be kept by the Contract Manager. All other meetings will be recorded using minutes or a register prepared and circulated by the person who convened the meeting.

9.17 BUSINESS CONTINUITY MANAGEMENT & CONTINGENCY PLANS

- The service provider must have plans in place for the following
 - Internal Strike/Labour disputes / unrest amongst own staff
 - Shortage of Manpower due to e.g. absenteeism, sick leave, annual leave
 - Equipment Failure e.g. Vehicle & equipment failure / breakdown
 - Communication system
 - Internal grievance procedures
- Shall have contingency plans in place to react immediately to any emergency request with regards to vehicle breakdowns and vehicle accidents to ensure continuity of security functions
- Shortage of Manpower due to e.g. absenteeism, sick leave, annual leave, protests

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NOTE No gathering / protest / unrest will be allowed at the NKP for the duration of the contract, penalties will be imposed should this materialize

9.18 SEGREGATION OF ROLES

- The Eskom In-house and contract security teams will be responsible for the day-to-day security functions and operations at the Power stations
- The Private security team will be deployed as per par 2 and shall remain under the control of the appointed Manager / Supervisor during the tour of duty
- The responsible Eskom Security Manager shall exercise overall command of the Security resources on site

9.19 PRE- DEPLOYMENT PROVISIONS

Prior to site deployment the following provisions are to be in place / and adhered to

- Valid Letter from SAPS issued by the NKP office indicating company's application for registration to offer services at National Key Point (for services requiring NKP)
- Criminal checks from a reputable screening company must be conducted on all deployed & supplemented personnel and the screen results be made available
- Safety file reviewed and approved
- Site induction, including the Koeberg Fitness for Duty process
- Access authorization process (site permit), including medical fitness assessments
- Only company firearms licensed in the security Contractors name may be utilized as per this contract (9mm handgun / semi-automatic rifles)
- Service Provider officers will be assessed by Koeberg Training Instructors on firearm handling and shoot before commencement of their duties
- Personal protective equipment
- No security officers are to be deployed in terms of this contract, before undergoing necessary Eskom induction
- A plant orientation will be conducted once the induction and access authorization processes have been completed

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- all security Eskom reserves the right to remove such Officers that have not complied with this requirement from their sites or duties as per this agreement at the cost to the contractor

9.20 THREE PHASE RESPONSE PLAN INTEGRATION

The security framework incorporates a comprehensive Three Phase Response Plan that ensures coordinated human-technology integration across all security tiers

9.20.1 Primary Response Action Plan (Plan and Prepare)

- Competent personnel deployment with tier-appropriate training and security clearance levels
- Continuous threat assessment and vulnerability analysis specific to each zone's risk profile
- Equipment readiness and communication system verification across all integrated platforms
- Community engagement and intelligence gathering protocols for external threat assessment

9.20.2 Secondary Response Action Plan (Respond)

- Coordinated response using technology-human integration aligned with tier-specific escalation procedures
- Real-time communication and backup deployment coordinated through the central PSIM platform
- Evidence preservation and incident documentation with automated chain of custody protocols
- Tactical response protocols matched to threat levels and zone criticality classifications

9.20.3 Tertiary Response Action Plan (Recover)

- Post-incident investigation and forensic analysis with tier-appropriate investigation depth
- System performance evaluation and improvement identification across zones

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- Personnel support and trauma management for security officers involved in incident response
- Lessons learned integration and procedure updates to enhance future response effectiveness

9.21 RISK MANAGEMENT AND CONTINGENCY PLANNING

The contractor must develop and maintain comprehensive risk management protocols that address potential system failures, security breaches, natural disasters, and other events that could compromise facility protection. Contingency planning requirements include backup system capabilities, alternative communication channels, and emergency response procedures.

Business continuity obligations ensure that security services remain operational during planned maintenance activities, system upgrades, and unexpected service interruptions. The contractor must demonstrate redundant capabilities and recovery procedures that minimize security exposure during any system downtime or maintenance activities.

9.22 CONTRACT GOVERNANCE AND PERFORMANCE REVIEW

Regular performance review meetings will be conducted to assess KPI achievement, identify improvement opportunities, and address operational challenges. Monthly dashboard reports must provide comprehensive visibility into system performance, maintenance activities, compliance status, and financial metrics.

Annual performance assessments will evaluate overall contract effectiveness, technology evolution requirements, and potential scope modifications needed to address changing security environments or regulatory requirements. These reviews will inform contract renewal decisions and performance improvement initiatives.

9.23 TECHNOLOGY EVOLUTION AND FUTURE PROOFING

The contractor must demonstrate commitment to technology advancement and system evolution throughout the contract period. This includes regular assessment of emerging security technologies, implementation of approved upgrades, and adaptation to evolving threat environments.

Future-proofing obligations require that all implemented systems support scalability, interoperability with emerging technologies, and integration with evolving enterprise IT infrastructure. The contractor

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must provide technology roadmaps and upgrade pathways that ensure sustained system relevance and effectiveness

9.24 NON-PERFORMANCE

NB: Loss Recovery Criteria for recoveries from the contractors in terms of the SoW will form part of the NEC document.

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9.25 KEY PERFORMANCE INDICATORS (KPI'S)

The successful bidder's performance will be rigorously evaluated against the following KPIs

KPI 1: Response Time Performance

- Target 95% of security incidents responded to within 5 minutes
- Measurement Time from incident report to security team arrival
- Penalty 2% monthly fee reduction for each percentage point below target

KPI 2: Equipment Availability and Readiness

- Target 98% operational availability of all security equipment (vehicles, communications and firearms)
- Measurement Monthly equipment audit and availability reports
- Penalty 1% monthly fee reduction for each percentage point below target

KPI 3: Training and Compliance Standards

- All Security personnel to comply with the continuation and refresher training in terms of the NKP and FCA
- Target 100% compliance with mandatory training, certifications, and legal requirements
- Measurement Monthly compliance audits and documentation reviews
- Penalty 3% monthly fee reduction for non-compliance incidents

KPI 4: Incident Detection and Prevention

- Target 90% reduction in security incidents within patrolled areas compared to baseline
- Measurement Monthly incident reports and trend analysis
- Penalty 3% monthly fee reduction for non-compliance to detecting and preventing incidents

KPI 5: Documentation and Reporting Accuracy

- Target 100% accurate and timely submission of all required reports and documentation
- Measurement Weekly report quality assessments and timeliness tracking
- Penalty 1 5% monthly fee reduction for reporting deficiencies

KPI 6: Personnel Reliability and Attendance

- Target 99% shift coverage with qualified personnel (no gaps in security coverage)

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- Measurement Daily shift reports and attendance monitoring
- Penalty 2 5% monthly fee reduction for coverage gaps

9.26 PENALTIES AND REMEDIES

The service provider implements corrective actions or terminates their contract if they are non-compliant on the 3rd breach where applicable

Deficiency		Penalty
1	Security officer (SO) not posted on duty as agreed upon (Short posting)	1st Breach One shift cost deduction per short posting If short posting is more than two per shift Issue written Warning letter to Contractor 2nd Breach Continuous short posting for more than two Days per month a notice of non-compliance will be issued, and an action Plan is required 3rd Breach Continuous short posting after action plan was received notice to terminate the contract will be issued
2	SO intoxicated/ or under the influence of liquor or drugs	1st Breach Further access to site denied, One shift cost deduction
3	Refusal by SO to comply with lawful instruction	Deal with in accordance with Companies Disciplinary procedure, outcome submitted to SM One shift cost deduction
4	Sleeping on duty	Deal with in accordance with Companies Disciplinary procedure, outcome submitted to SM One shift cost deduction
5	Desertion of post by SO	Deal with in accordance with Companies Disciplinary procedure, outcome submitted to SM One shift cost deduction
6	Guard(s) not equipped with required specified equipment or non-functioning equipment These include but not limited to Bullet-proof vests (L3 SA MIX SABS)/ containing inner soft protection and rifle plates Torch Radio/Contract Cell phone	1st Breach Verbal warning, corrective action within 48 hours 2nd Breach Issue written Warning letter to Contractor Improvement plan needs to be submitted 3rd Breach A notice of non-compliance will be issued, and an action Plan is required 4th Breach A final written NOTIFICATION OF DEFAULT if no change after the Final written warning a contract will be terminated in line with the termination clause of the contract

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	Panic button linked to an independent armed response company Uniforms/Name tags / PSIRA Cards Safety and (PPE) equipment	
--	---	--

7	Negligent discharge	1st Breach A joint investigation will be conducted Due to the seriousness of the Incident a notice of non-compliance will be issued Action plan and retraining required 2nd Breach A final written NOTIFICATION OF DEFAULT if no change after the Final written warning a contract will be terminated in line with the termination clause of the contract
8	Non submission of vehicle tracking reports	1st Breach Non-payments of 10% of the total services (i.e. the cost for the SOs, vehicle) and Issue written Warning to Contractor 2nd Breach A notice of non-compliance will be issued, and an action Plan is required 3rd Breach A final written NOTIFICATION OF DEFAULT if no change after the Final written warning a contract will be terminated in line with the termination clause of the contract
9	Staff not being paid by service provider, which compromises the quality and effectiveness of the provided service to Eskom	1st Breach If a company is found not to have paid staff accordingly and not notified Eskom in advance This is considered unfair labour practice, and First notice of non-compliance will be issued 2nd Breach Second written notice of non-compliance 3rd Breach: A final written NOTIFICATION OF DEFAULT if no change after the Final written warning a contract will be terminated in line with the termination clause of the contract
10	Compliance to Regulatory and Legislative Requirements	1st Breach Formal written warning, immediate corrective action 2nd Breach: Financial penalty (20% of contract value), independent audit

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9.27 CONTRACT TERMINATION AND TRANSITION

9.27.1 Termination Conditions

- Material breach of contract terms
- Failure to meet critical KPI thresholds for consecutive months
- Loss of essential licenses or certifications
- Serious safety or security incidents due to negligence including accidental discharges

9.27.2 Transition Requirements

- 60-day notice period for contract termination
- Comprehensive handover documentation
- Personnel and equipment transition protocols
- Knowledge transfer and training for replacement services
- Asset return and condition assessments

9.28 TIMING AND PLANNING

- User Requirement Specification and other tender documents will be issued to prospective Suppliers
- Site visit to be arranged for Suppliers, one week after issue of tender documents
- Tender will close after three weeks
- Technical Evaluation – one week
- Procurement process
- Tender award

9.29 DURATION OF CONTRACT

- 1 October 2026 to 30 September 2031
- It is expected that the service provider will commence suitability assessments, induction, and on-job training 1 month before commencement of the contract. This part of the contract will be further discussed in detail during contract award. Cost will be for the service provider.

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9.30 CONFIDENTIALITY

- This bid and all information in connection therewith shall be held in strict confidence by Suppliers and usage of such information shall be limited to the preparation of the bid. Suppliers shall undertake to limit the number of copies of this document.
- All Suppliers are bound by a confidentiality agreement preventing the unauthorised disclosure of any information regarding Koeberg or of its activities to any other organisation or individual. The Suppliers may not disclose any information, documentation, or products to other clients without written approval of Koeberg.
- Copyright of all documentation in relation to this bid belongs to Koeberg. The successful Supplier may not disclose any information, documentation, or products to other clients without the written approval of Koeberg.

10. ACCEPTANCE

This document has been seen and accepted by

Note: Initials not acceptable

Full Name and Surname	Designation
Tessa Sibeko	Senior Advisor Security operations
Matsobane Phosa	Senior Advisor Security operations
Tankiso Ntilane	Security Officer Systems
Mvola Flatela	Security Officer Business Intelligence
Alistir Manuel	Security Officer Investigations
Alet Smuts	Security Officer Compliance
Ellen Gwiliza-Mahe	Security Officer Operations (Acting)

11. REVISIONS

Date	Rev.	Compiler	Remarks
April 2026	0	Alet Smuts	First issue

12. DEVELOPMENT TEAM

The following people were involved in the development of this document

- Tessa Sibeko – Senior Advisor Gx Security
- Ivano Haupt – Senior Advisor Project - Koeberg
- Simphiwe Xaso - Security Manager Koeberg Nuclear Power Station
- Matsobane Phosa – Senior Advisor SSP

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A copy of the scope of works must be retained by the contractor

Note 2 *The contractor who will be awarded this contract will be known as the “principal contractor” and any contractor appointed by the principal contractor will be known as the “appointed contractor”*

12.1 LEGAL COMPLIANCE

12.1.1 Section 37(2) (Legal) Agreement

A section 37(2) agreement must be signed between Eskom and the principal contractor at the time of awarding the contract. The principal contractor must ensure that a section 37(2) agreement is compiled between the principal contractor and all their appointed contractors for the contract.

The original copy of the section 37(2) agreements must be retained by the contractor and a copy retained by the responsible contract manager.

A copy of all the agreements must form part of the respective contractor's SHE files.

12.1.2 Hazardous Work by Children (Child Labour) check BCEA

The constitution of the Republic of South Africa, in the “Bill of Rights” is clear on the rights of children, especially when it comes to

- 1 *being protected from exploitative labour practices,*
- 2 *not to be required or permitted to perform work or provide services that*
 - i *are inappropriate for a person of that child's age, or*
 - ii *place at risk the child's well-being, education, physical or mental health or spiritual, moral or social development* and the Basic Conditions of Employment Act, Chapter six Section 43 “Prohibition of employment of children”

Before resorting to the use of child labour, due consideration must be given to the rights of the child in terms of the constitution. Where work is being performed which is not prohibited in terms of the constitution, then such work must be conducted in terms of the OHS Act “Regulations on Hazardous Work by Children in South Africa” with emphasis on paragraph 2 Purpose and Interpretation. Eskom does not condone the use of child labour and therefore all effort must be exercised and child labour should not be used.

12.2 OHS ACT

The principal contractor and appointed contractors shall have an up to date copy of the OHS Act and regulations which will be available to all employees.

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12.3 LEGISLATIVE COMPLIANCE

All contractors will comply with all the legislation pertaining to this contract being

12.3.1 Legislative Compliance

The principal contractor and all appointed contractors will comply with all the legislation pertaining to this contract being

- The Constitution of the Republic of South Africa (particularly Section 24 of the Bill of Rights)
- Occupational Health and Safety Act 1993 (Act 85 of 1993) and its Regulations
- National Environmental Management Act 1998 (Act 107 of 1998)
- Environment Conservation Act 1989 (Act 73 of 1989)
- National Water Act 1998 (Act 36 of 1998)
- National Road Traffic Act 93 of 1996
- Compensation for Occupational Injuries and Diseases Act 130 of 1993
- SANS Standards –Contractor shall use the relative standards applicable to the contract
- National Environmental Waste Act 59 of 2008
- NNR Requirements
- National Environmental Management Integrated Coastal Management (Act 24 of 2008)

12.4 ESKOM REQUIREMENTS

All contractors shall, before commencement of the contract ensure that all their employees are familiar with the relevant Eskom SHE documentation that is applicable to contract services

12.5 SHE POLICY

A SHE policy is a statement of intent and a commitment by the organisation's CE and senior management in relation to the relevant SHE roles and responsibilities, the achievement of their strategic objectives, values of integrity, customer satisfaction, excellence, and innovation

The principal contractor and all appointed contractors, if already not in place, will be required to compile an organisational SHE policy in line with their SHE responsibilities. The policy must be signed by the organisation's CE or the appointed assistant to the CE OHS Act Section 16(2). The policy must be displayed in a prominent place within the workplace. A copy of the policy must be filed in the contractor SHE files and attached as an annexure in the SHE Plan.

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12.6 COID

The principal contractor and all his/her appointed contractors shall be registered with an appropriate employment compensation commissioner and have available a valid letter of good standing (LoG) from such commissioner. The obligation lies with the contractors to ensure that the LoG remain valid throughout the contract period. A copy of the LoG must be filed in the contractor SHE files.

12.7 COSTING FOR SHE WITHIN THE CONTRACT

The costing for SHE must be itemised based on the overall scope of the contract (i.e.) Training, provision of PPE, medical surveillance (pre-placement and periodical), safety equipment purchases etc.

12.8 STATUTORY APPOINTMENTS

For the duration of the contract, the principal contractor and all appointed contractors shall appoint competent employees who will meet the requirements of the OHS Act. Where appointments are made, contractors shall ensure that the appointees have been suitably trained and/or informed of their responsibilities before getting them to accept such appointment. The relevant statutory appointments shall be made in accordance with the requirements of the OHS Act which includes the requirement of a competent person being appointed in the relevant roles. The statutory appointments should include but not be limited to the following:

- OHS Act General Administrative Regulation 9(2) – Incident Investigator
- OHS Act Section 19 (3) - Health and Safety Committee Member
- OHS Act Section 19(6)(a) – Co-opted Health and Safety Committee member
- OHS Act Hazardous Chemical Substances Regulation 3(3) Hazardous Chemical Substances Co-ordinator
- OHS Act, Section 17 – Health and Safety Representative
- OHS Act General Machinery Regulation 2(1) – Supervision of Machinery
- OHS Act Construction Regulation 7(1)(V) Appointment of a Contractor (if appointing subcontractors)
- OHS Act Construction Regulation 9(1) - Person to Compile Risk Assessments
- OHS Act Construction Regulation 10(1) - Competent Person to Compile Fall Protection Plan
- OHS Act Construction Regulations 28(a) Stacking and Storage Supervisor on Construction sites
- OHS Act Construction Regulations 29(h) Firefighting Equipment Inspector
- OHS Act General Safety Regulations 3(4) – First Aider/s

12.8.1.1 Non statutory appointments

- Eskom requirement – Emergency Planning Co-ordinator
- Eskom requirement - Chairperson of Health and Safety Committee

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12.9 COMPETENCIES

For each contract or scope of work, Eskom Contract custodian/Project manager (as advised by the Eskom OHS Professional) must determine if a full time or part time Health and Safety Officer is required. The contractor health and Safety officer must be trained in the following

Contractor Health and Safety officer

- SAMTRAC/NQF Level 5 OHS qualification,
- Hazard Identification and Risk Assessment (HIRA),
- Incident investigation training,
- Legal liability training,
- Minimum work experience of 2yrs

Contractor Site Supervisor

- Hazard Identification and Risk Assessment (HIRA)
- Incident investigation training,
- Supervisor training,
- Legal liability

Contractor Site Managers

- Hazard Identification and Risk Assessment (HIRA)
- Incident investigation training,
- Supervisor training,
- Legal liability

12.10 OCCUPATIONAL HYGIENE

Eskom contract custodian / project manager (as advised by the Eskom OHS professional) must determine the scope of occupational hygiene applicable to the contract. The scope must include but not limited to

Exposure risk assessment - addressing all ergonomics risk, hazardous chemical agents, hazardous biological agents, asbestos, lead, noise, indoor air quality, heat stress, cold stress, ionizing and non-ionizing radiation exposure, illumination and vibration

Monitoring / sampling programme for Hazardous Chemical Agents, Hazardous Biological Agents, Noise, Ventilation, Heat stress, Cold stress, Non-ionising radiation, Indoor air quality, Illumination, Vibration

Information and training for identified occupational hygiene stressors

Medical surveillance programme for identified occupational hygiene stress factors

Contractor must obtain the service of an Approved Inspection Authority (AIA) in Occupational Health and Hygiene to conduct measurements or sampling for regulated occupational stress factors

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12.11 ESKOM LIFE-SAVING RULES

- 1 Eskom views health and safety in high esteem and encourages that any organisation who performs work for Eskom in Eskom adopt the same view
- 2 Six Life-saving rules have been developed that will apply to all Eskom Employees, agents, consultants, and **contractors** Failure to adhere to these rules by any Eskom employee or employee of a Principal Contractor or appointed contractor will be considered a serious transgression These rules are being implemented to prevent serious injury or death of any employee, labour broker or contractor working in any area within Eskom
- 3 If any contractual work will be performed on any Eskom premises (including delivery of any product), then the rules **shall be obeyed** by any contractor and their employees
- 4 The rules are

RULE	DESCRIPTION OF RULE
Rule 1	OPEN, ISOLATE, TEST, EARTH AND CREATE AN EQUIPOTENTIAL ZONE BEFORE TOUCH The equipotential zone is only applicable for work being done on medium and high voltage apparatus
Rule 2	HOOK UP AT HEIGHTS Working at height is defined as any work performed above a stable work surface or where a person puts himself/herself in a position where he/she exposes himself/herself to a fall from or into
Rule 3	BUCKLE UP No person may drive any vehicle on Eskom business and/or on Eskom premises Unless the driver and all passengers are wearing seat belts
Rule 4	BE SOBER No person is allowed to be under the influence of intoxicating liquor or drugs while on duty
Rule 5	PERMIT TO WORK Where an authorisation limitation exists, no person shall work without the required permit to work
Rule 6	ENSURE SAFE LIVE WORKING Ensure all live work basic principles are adhered to, as outlined (for the method being used) in the High Voltage Live Working Standard for the respective division

- 5 Eskom will take a stance of zero tolerance on these rules

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- 6 Non-compliance to a Life Saving rule will be considered serious misconduct and will lead to serious disciplinary action, which may include dismissal
- 7 This is to ensure that **every person** who works on or visits an Eskom **returns home safely to his or her family**.

12.12 SUBSTANCE ABUSE

- 1 Alcohol and substance abuse poses a significant threat to any business, more so in industrial incidents and the driving of vehicles Eskom is therefore, entitled to take reasonable steps to ensure that intoxicated persons are identified and prevented from entering Eskom
- 2 Any person who is or who appears to be drunk or under the influence of drugs, will be prevented from entering or remain on site No persons shall have in his possession or bring onto site intoxication liquor or drugs
- 3 General Safety Regulation 2A is clear on the legal stance regarding intoxication
- 4 The alcohol and drug permissible level is 0%
- 5 All contractors shall comply with Eskom's procedure 32-37 ("Substance Abuse Procedure"), taking in to account that this is an Eskom Life-saving Rule number 4 BE SOBER", this means anyone entering the Eskom will be subjected to 100% alcohol testing
- 6 Contractors are encouraged to compile their own manual and to carry out regular alcohol testing of their own employees The legislative alcohol level is deemed to be zero
- 7 Test records must be treated as "Confidential" and filed in the employees' personal file

12.13 CONTRACTOR ORGANISATIONAL STRUCTURE

12.13.1 Principal Contractor Organogram

- 1 The principal contractor must provide an organisational organogram related to this contract, depicting all the levels of responsibility from the CE down to the supervisors responsible for the contract List the relevant positions held, names of appointees and legal appointments
- 2 The principal contractor must ensure that all appointed contractors comply with this requirement The principal contractor is responsible for keeping copies of all the organograms' as well as submitting them with the SHE plan All organograms shall be updated timeously when appointments are changed
- 3 This diagram must be kept up to date and filed in the contractors SHE files

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12.13.2 Appointed Contractor/s Organogram

- 1 Appointed contractors are required to compile their company organogram for the contract, listing the reporting structure from their CE down to their contract supervisors. The diagram must list the names, positions held and any appointments made.
- 2 This diagram must be kept up to date, a copy of which must be given to the principal contractor and a copy filed in the relevant contract SHE files.

12.14 ROLES AND RESPONSIBILITIES

Commitment

Visible commitment is essential to providing a safe work environment. Managers, supervisors and employees at all levels must demonstrate their commitment by being proactively involved in the day to day operations, in particular the Occupational Health and Safety and Environmental aspects of any contract. Legislation requires that each employee must take reasonable care of themselves and their fellow workers, from management level down to the lowest employee level.

12.14.1 Principal contractors and appointed contractors

Note 3: Most of the roles and responsibilities listed apply to both principal contractors and any appointed contractors. Where some of the listed do not apply to both, then the specific responsibilities will be listed and titled *The contractors shall*.

- 1 Carry out all duties as listed in section 8, 9 and 10, the various other regulations that form part of the OHS Act and Regulation 7 of the Construction Regulations.
- 2 Carry accountability and responsibility for the safety and health of their employees and their appointed contractors within their working area, as contemplated by section 37(2) of the OHS Act,
- 3 Shall keep a record of all employees including the appointed contractor employees, including date of induction, relevant skills and licenses and be able to produce this list at the request of the Eskom Contract Manager.
- 4 Ensure that all their appointees are made aware of their accountabilities and responsibilities in terms of their appointment and that they advise and assist these appointees in the execution of their duties.
- 5 Ensure that the minimum legislative, regulatory and Eskom SHE requirements are complied with on all work sites.
- 6 Give the Eskom contract managers and line managers / responsible managers their full participation and cooperation.
- 7 Compile a SHE (safety, health and environmental) file where all relevant health and safety records must be kept for each work site.

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- 8 The principal contractor must hand over a consolidated (to include any appointed contractors files) SHE file to the Eskom contract manager on completion of the contract This is to include all drawings, designs, lists of materials used and other applicable information about the completed contract, as well as the list of appointed contractors, the agreement, and the type of work completed
- 9 The principal contractor must provide the contract manager with a copy of his/her Compensation Commissioner's valid letter of good standing before the commencement of work and any future renewal letters obtained during the contract for record-keeping purposes The letter of good standing shall reflect the name of the contractor's company Similarly, the principal contractor must provide the Eskom contract manager with all the valid letters of good standing from their appointed contractors
- 10 For international suppliers, the equivalent from the country of origin of the supplier For a supplier whose country does not issue such certificate equivalent to COID, the relevant legislation must be submitted However, if the supplier has offices in South Africa and has employed South African citizens, a COID certificate must be submitted
- 11
- 12 Appoint competent staff to perform the contract work and ensure that all employees are trained in the safety, health and environmental aspects relating to such work and that the employees understand the hazards associated with all other work being carried out on the contract
- 13 Ensure that all employees are conversant with all relevant work procedures and that they adhere to such procedures Similarly (without removing the appointed contractors' responsibilities), ensure that their appointed contractors and their employees are conversant with all relevant work procedures and that they adhere to such procedures
- 14 Co-ordinate the activities of all the appointed contractors in the interests of safety and health,
- 15 Ensure that potential contractors (whom they intend appointing) submitting tenders have made detailed provision for the cost of safety, health and environmental measures throughout the contract
- 16 Stop his /her employees and any appointed contractors if contract work is not in accordance with the health and safety plan or if such work poses a threat to the health and safety of persons or a risk of degradation to the environment
- 17 Take reasonable steps to ensure cooperation between all their appointed contractors
- 18 Only appoint contractors to do work, if satisfied that the contractor has the necessary competencies and resources to perform the work safely
- 19 Appoint full-time competent employees in writing to supervise the performance of all specified work throughout the contract period

Note 4: *No work may commence and or continue without the presence of the appointed contract manager or contract supervisor during performance of the contracted work*

- 20 Ensure that the supervisor or manager do not supervise work on any site other than the site for which such supervisor has been appointed for

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Note 5 *In determining the number of appointed competent supervisors, the nature and scope of work being performed, shall be taken into consideration*

- 21 Appoint a full time safety officer in writing
- 22 Not victimise or dismiss employees, by virtue of the employees divulging health and safety information or suspecting such information has been divulged, in the interests of health and safety requirements,
- 23 Follow a process of disciplinary action if any of their employees or their appointed contractor employees have transgressed any of the requirements of the SHE specification, SHE plans, site rules or any other requirements
- 24 Ensure that all appropriate precautions are taken to protect persons (visitors, members of the public, and other contractors) present at work or in the vicinity of a construction site against all risks that may arise from such site Environment-No go areas
- 25 Before the commencement of any work, conduct risk assessments which shall include public safety This should be done by a competent person appointed in writing with a view to identify hazardous and potentially hazardous work operations
- 26 Ensure that pre-task risk assessments are conducted and documented daily and prior to the starting of any new task, irrespective of whether it is a repetitive task or not
- 27 Take prime responsibility for all aspects of environmental management associated with the contract activity for which they are responsible Duty of care??Reasonable care
- 28 Provide any appointed contractor who is making a bid or is appointed to perform work on Eskom's behalf, with the relevant sections of the documented Eskom's SHE Specification
- 29 Principal contractors are required to approve appointed contractor's SHE plans if they meet all the requirements
- 30 Must ensure that an organisation medical surveillance programme for the duration of the contract is in place and maintained
- 31 Prior to having pre-employment and periodic medicals fitness examinations conducted, person/man job specifications must be compiled and handed to the occupational health practitioner
- 32 Ensure that pre-employment, periodic and exit medicals are carried out on their employees Medical assessments must be conducted by a registered Occupational Health Practitioner During the pre-employment medical, where employees will be required to work at heights, they will also be required to undergo the required employee physical and psychological fitness examinations
- 33 Ensure, prior to the commencement of contracted work, that all persons involved in the contract work, as well as the appointed contractors, have received a safety, health and environmental induction training session Similarly, ensure that all visitors to site undergo the site's induction training
- 34 Ensure, prior to the commencement of contracted work, that all their employees involved in the contract work, as well as the appointed contractors, have received task-specific training
- 35 Issue risk-based personal protective equipment (PPE) as a measure of last resort to their employees, inspect such equipment regularly and ensure recipients of PPE are trained in the proper use, care and where necessary, the maintenance of PPE,

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Note 6: *Should the principal contractor or his/her appointed contractors entertain visitors on site, they will be held responsible for the provision and wearing PPE*

- 36 Provide storage areas, fencing, and any other structure as may be required Any such structures shall be positioned and erected in compliance with any instructions from the Eskom contract manager and the relevant site safety and fire prevention requirements,
- 37 On completion of the work remove all structures erected by them, and where required by law rehabilitate the environment
- 38 Where performing work with the environment, ensure that minimal damage is done and that where an Environment Management Plan is in place, then adhere to the plan
- 39 Respect the rights of land owners/lessors and the preservation of their registered activities,
- 40 Must have a substance abuse program which must be in line with the requirements of the OHS Act
- 41 Ensure that no alcohol or other intoxicating substances are brought on to, or remains on the work sites

Note 7 *Eskom will not tolerate the presence of anyone who is or who appears to be under the influence of alcohol or any other intoxicating substance whilst performing work for them or on any work site*

- 42 Ensure that all equipment and tools used comply with OHS Act requirements with respect to condition, use, care, storage, maintenance, and the management of these,
- 43 Ensure that all incidents are reported and investigated timeously by competent incident investigators
- 44 Be involved in all of their appointed contractor's investigations
- 45 Establish health and safety committees, hold such committee meetings on all sites, and ensure that appointed contractors participate in their health and safety meetings
- 46 Chair their own health and safety committee meetings and record such meetings
- 47 Appoint sufficient number of health and safety representatives in terms of legislative requirements and ensure that the appointed contractors appoint health and safety representatives for their work sites
- 48 When appointing contractors, advise the contract manager in writing timeously and obtain his/her approval prior to them commencing work
- 49 Shall keep a record of all employees including the appointed contractor's employees, including date of induction, relevant skills and licenses and be able to produce this list at the request of the Eskom Contract Manager

12.14.2 Contract Managers

Note 8 *No work may commence and or continue without the appointed supervisor or manager during the performance of the contracted work*

- 1 Not supervise work on any site other than the site they have been appointed to supervise,
- 2 Assist the contractor and/or the appointed safety officer in conducting site induction training for new staff and site visitors,

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- 3 Instruct and train all employees under their control on any hazardous and related work procedures, before any work commences and thereafter, at such times as may be determined by a risk assessment,
- 4 Ensure that the minimum legislative and Eskom SHE requirements are complied with on all work sites,
- 5 Stop any work that is not in accordance with the safety and health plan or if such work poses a threat to the safety and health of persons or a risk of degradation to the environment,
- 6 Ensure that risk-based personal protective equipment (PPE) has been issued and employees wear/use the PPE as instructed
- 7 Inspect such PPE on a regular basis and record the inspections,
- 8 Ensure that all incidents are reported to the client and are investigated
- 9 Be involved in all investigations that occur within their area of responsibility
- 10 Carry out audits and or inspections on their contractors at least monthly and any appointed contractors on instructions of their contractor
- 11 Ensure that employees under their control are conversant with all relevant work procedures and that they adhere to such procedures,
- 12 Before the commencement of any work, where possible, assist in the conducting of risk assessments and ensure that appropriate mitigating measures have been considered and implemented,
- 13 Ensure that daily or pre-task risk assessments are conducted and documented and prior to the starting of any new task, irrespective of whether it is a repetitive task Ensure that the team are involved in the abovementioned risk assessments,
- 14 Hold tool box talks at the start of each day/ task to discuss safety, health and environmental issues as well as confirming the requirements of the daily risk assessments,
- 15 Ensure that all appropriate precautions are taken to protect persons (visitors, members of the public, and other contractors) present at work or in the vicinity of a site against all risks that may arise from such site
- 16 Ensure that no alcohol or other intoxicating substances are brought on to, or remains on, the premises / work sites and that no employee remains on site if he/she is under the influence Furthermore, report such instances to contract management,
- 17 Ensure that all equipment and tools used on site comply with OHS Act requirements with respect to condition, use, care, storage, maintenance, and the management of these
- 18 Ensure that they and their contractor managers give clear and unambiguous instructions for the contract work, to the employees for whom they are responsible for
- 19 Not victimise their employees by virtue of their employees divulging health and safety information or suspecting such information has been divulged, in the interests of health and safety requirements (reference – section 26 of the OHS Act)
- 20 Where any work is performed which involves the environment, ensure that minimal damage is done to the environment and that where an Environment Management Plan is in place, the plan is adhere to
- 21 Stop any employee or contractor from performing work which is not in accordance with the principal contractor's and or appointed contractors SHE plan which poses a threat to the health and safety of persons

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12.14.3 Contractor Site Supervisor or Contract Supervisor

Must

- 1 Be competent to perform the required supervisory tasks
- 2 Ensure their employees and all appointed contractors comply with the required statutory and Eskom contract requirements
- 3 Inspect all work done by the Contractors to ensure adherence to Eskom's standards and specifications
- 4 Conduct follow-up inspections to ensure findings are closed out and preventative action is in place
- 5 Monitor contractors for adherence to statutory requirements and safety standards
- 6 Monitor contractors overall SHE performance on site in order to achieve excellent results
- 7 Ensuring a Safe working environment is established and maintained by the contractor for the elimination of unsafe acts by all people whilst on the contract site
- 8 Discuss all SHE related problems with the relevant contractor management timeously in the first instance and thereafter the Eskom contract manager in the second instance relating to procedure requirements, non-conformance's identified, corrective actions, audits and inspection schedules
- 9 Ensuring that quality records are maintained in accordance with legislative and Eskom requirements
- 10 Continual liaison between the principal contractor, appointed contractors and employees
- 11 Ensures that employees and appointed contractors are aware of latest standards, procedures, work instructions and safety regulations issued by Eskom
- 12 Conduct site Inspections for compliance to SHE requirements and compiles the relevant inspection reports
- 13 Submit the observation reports to the relevant management
- 14 Have meaningful participation in the contract statutory health and safety committee meetings
- 15 Participate in all appointed contractor incident investigations
- 16 Participate in the principal contractors emergency preparedness planning
- 17 Ensure that their own employees and those of any appointed contractor are competent to perform the tasks assigned
- 18 Issue site instructions on behalf of the principal contractor where and when the appointed contractors deviate from safety, health and environmental requirements
- 19 Assist the principal contractor with the handing over process, in particular the SHE file and relevant documentation

12.14.4 Employees

Must

- 1 Be responsible for their own safety and health and that of their co-workers
- 2 Co-operate with their employer to meet all of the employer's as well as legislative and Eskom requirements
- 3 Familiarise themselves with their responsibilities during induction and awareness training sessions, some of which are
 - a familiarising themselves with their workplaces and safety and health procedures,

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- b working in a manner that does not endanger them or cause harm to others,
 - c ensuring that the work area is kept tidy,
 - d reporting all incidents and near misses,
 - e protecting fellow workers against injury by performing job observations,
 - f reporting unsafe acts and unsafe conditions,
 - g reporting any situation that may become dangerous, and
 - h carrying out lawful orders and obeying safety and health rules
- 4 Who become aware of any person disregarding a SHE notice, instruction, or regulation, immediately report this to the person concerned. If the person persists, stop that person from working, and report the matter to contractor management and/or Eskom's contract manager or supervisor immediately
 - 5 Not damage, alter, remove, render ineffective, or interfere with anything that has been provided for the protection of the site or for the health and safety of persons this includes any guarding of machinery or equipment
 - 6 Obey any safety and environmental signs and adhere to any site demarcation at all times
 - 7 When entering or leaving the site, do so via the official designated access/departure routes. Where reflective jackets/bibs are required to be worn, wear them
 - 8 Be subjected to any disciplinary action, if having transgressed any of the requirements of the health and safety site rules, Eskom requirements, company requirements, or legislative requirements
 - 9 Avoid any act that may endanger their own health and safety or that of fellow employees, members of the public, or visitors who may be affected by their acts and/or omissions at work
 - 10 Have the right to obtain proper information from their employer regarding health and safety risks and measures related to the work processes
 - 11 Use facilities placed at their disposal and not misuse anything provided for their own protection or that of others
 - 12 Have the right to remove themselves from danger when they have good reason to believe that there is an imminent and serious danger to their health and safety and have the duty to inform their supervisor immediately of such danger
 - 13 Report to their supervisor (in the first instance), the principal contractor (in the second instance), and/or the Eskom contract manager, any substandard acts and/or conditions that have come to their attention and that have not been rectified or acted on by their contractor management timeously
 - 14 Have the right and the duty at any workplace to participate in ensuring healthy and safe working conditions, to the extent of their control, over the equipment and methods of work adopted
 - 15 Maintain the surrounding area of the work site in a neat and tidy condition
 - 16 Have meaningful participation in regular health and safety meetings
 - 17 Have the right to refuse to perform or continue to perform any task/job on the grounds of health, safety, and environmental concerns
 - 18 When given instructions, understand the instructions and be permitted to clarify those instructions

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12.14.5 Contractor Health and Safety officer

- 1 Promote a SHE culture within the organisations involved in the contract
- 2 The contractor's safety and health officer shall assist in the control of all health and safety-related matters on the sites
- 3 Be involved in developing the contract SHE plan and SHE policy
- 4 Be in constant liaison and cooperate with Eskom's SHE professionals responsible for providing them with a health and safety service
- 5 Ensure that this SHE specification is adhered to by his/her principal contractor and is submitted to any appointed contractors
- 6 Conduct audits and inspections of all work sites for the duration of the contract
- 7 Be involved in the organisations incident investigations when required
- 8 Participate in the organisation's statutory and non-statutory health and safety committee meetings
- 9 Conduct organisational, site and visitor induction training
- 10 Stop any employee or contractor from performing work which is not in accordance with the principal contractor's and or appointed contractors health and safety plan which poses a threat to the health and safety of persons
- 11 Ensure that no alcohol or other intoxicating substances are brought on to, or remains on, the premises / work sites and that no employee remains on site if he/she is under the influence Furthermore, report such instances to contract management
- 12 Make themselves available and ensure co-operation of employees under their control to undergo breathalyser and drug testing while entering and/or being on any Eskom work site
- 13 Carry out audits and or inspections on their contractors at least monthly and any appointed contractors on instructions of their contractor,
- 14 Carry out frequent behaviour observations of employees under their control at least monthly and any appointed contractors on instructions of their contractor

12.14.6 Risk assessment (refer to 32-520)

- 1 It is a legal requirement in terms of Section 8 (2)(d) of the OHS Act for an employer to carry out risk assessments, to establish which risks and hazards are attached to the health and safety of persons due to any work which is performed, any article or substance which is, handled, stored, transported A risk assessment is defined as an identification of the hazards present in an organisation and an estimate of the extent of the risks involved, taking into account whatever precautions are already being taken
- 2 It is essentially a three stage process
 - a identification of all hazards,
 - b evaluation of the risks,
 - c Measures to control the risks

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- 3 Risk assessments are required to be maintained. This means that significant changes to a process or activity, or any new process or activity should be subjected to a risk assessment and that if new hazards come to light during the work process, then these should also be subjected to risk assessments
- 4 Risk assessments for long term processes should be periodically reviewed and updated. Method statements or written safe work procedures are an effective method as information and record of the way jobs / tasks must be performed
- 5 Daily or issue based or task specific or on the job risk assessments must be conducted at the place where work is to be performed/ conducted to allow managers and employees to assess any inherent risks that could have been overlooked during the initial risk assessment or any changes that might have occurred in a period of absence. For example if a job / task is extended over a day or halted due to inclement weather
- 6 A contractor shall ensure that a copy of the risk assessment is available on site for inspection by an inspector, client, client's agent, contractor, employee, representative trade union, health and safety representative or any member of the health and safety committee
- 7 Every contractor shall consult with the health and safety committee or, if no health and safety committee exists, with a representative group of employees, on the development, monitoring and review of the risk assessment
- 8 A contractor shall ensure that all employees under his or her control are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the risk assessment
- 9 A principal contractor shall ensure that all contractors are informed regarding any hazard as stipulated in the risk assessment before any work commences, and thereafter at such times as may be determined in the risk assessment
- 10 A contractor shall ensure that as far as is reasonably practicable, ergonomic related hazards are analysed, evaluated and addressed in the risk assessment
- 11 Not with-standing the requirements laid down in sub-regulation (4), no contractor shall allow or permit any employee or person to enter any site, unless such employee or person has undergone safety, health and environmentalHE induction training pertaining to the hazards prevalent on the site at the time of entry
- 12 A contractor shall ensure that all visitors to a site undergoes safety, health and environmental induction pertaining to the hazards prevalent on the site and shall be provided with the necessary personal protective equipment
- 13 Every employee on site shall
 - a be in possession of proof of the health and safety induction training as determined in sub regulation (7), issued by a competent person prior to the commencement of work, and,
 - b carry the proof contemplated in paragraph (a) for the duration of that contract or for the period that the employee will be on the site
- 14 Guidelines for actual steps involved in a job/task specific risk assessment are
 - a Each activity is listed,

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- b Specific hazards are identified and listed against each activity,
- c The magnitude of each risk is rated as Low, Medium or High,
- d All known documentary and supervisory controls are listed For instance What safe work procedures exist for ladders,
- e The relevance, effectiveness and sufficiency of these controls are assessed,
- f In the event of insufficient or deficient controls for the particular activity, steps to be taken to rectify this shall be recorded, and safe working procedures drawn up,
- g Persons responsible for implementing and supervising the task shall be identified, nominated and duly assigned,
- h Persons responsible for monitoring the task and carrying out the planned job observation must be nominated,
- i Completed risk assessment shall be handed to the Eskom contract manager representative for comment and approval
- j The relevant section of the risk assessment shall be issued with a Transmittal Note to the Supervisor nominated as the responsible person, and the names of workmen who have received instruction on the work content and the sequence of the activities listed in the risk assessment shall be recorded, and their competence established This instruction shall be done through an interpreter if required and recorded on the Pre-Job Brief (Daily Safe Task Instructions), with reference to applicable Risk Assessments

12.14.7 Safe work procedures / method statements

- 1 Method statements / written safe work procedure are control measures used to prevent an incident from occurring during the execution of the contract A written safe work procedure/ method statements provide guidance how to execute the task safely and it must be aligned with the risk assessments Appendix 1 should be used to develop the method statement
- 2 A safe working procedure should be written when -
 - a Designing a new job or task,
 - b Changing a job or task and,
 - c Introducing new equipment or substances
- 3 The safe working procedure should identify
 - a The supervisor for the task or job and the employees who will undertake the task,
 - b The tasks that are to be undertaken that pose risks,
 - c The equipment and substances that are used in these tasks,
 - d The control measures that have been built into these tasks,
 - e Any training or qualification needed to undertake the task,

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- f The personal protective equipment to be worn,
- g Actions to be undertaken to address safety, health and environmental issues that may arise while undertaking the task

12.14.8 Roof work (refer to 32- 418)

- 1 Where roof work is to be performed, a risk assessment must be carried out prior to climbing on to the roof to determine the hazards (stability, suitability strength etc), consequences of climbing and control measures that are required
- 2 No employees are permitted to work on roofs during inclement weather conditions or if weather conditions are a hazard to the health and safety of the employees
- 3 Suitable and sufficient platforms, coverings or other similar means of support must be provided to be used in such a way that the weight of any person passing across or working on or from fragile material is supported

12.14.9 Rope Access

- 1 All rope access staff members must be properly registered and licensed for the task to be performed
- 2 Rope access equipment used must be safe and in compliance with safety standards
- 3 A rescue plan must be drafted and implemented

12.15 SPECIFIC HAZARDS

12.15.1 Radiation

Radiation is present in all the controlled zones at the power plant. Personnel needing to access these areas will have undertaken the following activities

- Attended the Radiation workers training session, being it the initial or a re-qualification if the individual has already attended the initial training in the country of origin. One/Two year requirement-RP Training????
- Passed the theoretical assessment
- Passed the practical assessment in the training simulator

12.15.2 Hydrogen (H₂)

- 1 Hydrogen (H₂) gas is used in many areas of the plant. H₂ gas is highly explosive when mixed with air and as the possibility of leaks can never be ruled out, all areas where H₂ is or may be present have been indicated by a "Danger of Explosion" pictogram

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- 2 In all these areas, smoking, naked flames, welding or any spark-producing operation is forbidden unless a Hot Work Permit has been issued and the area/system monitored for explosive atmospheres by the OH&S Group

12.15.3 Hydrogen Sulfide (H₂S)

- 1 Hydrogen sulfide (H₂S) is a foul-smelling (rotten egg odour) very reactive gas that is highly toxic and is found in the CFI/SEC Drum & Rake screen pits due to the decay of organic matter when the Unit is offline
- 2 Being heavier than air, it tends to accumulate at the bottom of these poorly ventilated spaces and although very pungent at first, it quickly deadens the sense of smell, so victims may be unaware of its presence until it is too late
- 3 Entering these areas without first determining the oxygen levels can be fatal Workers entering such an area are required to wear Oxygen (Multi-gas) monitors and respirators at all times with constant ventilation supplied Staff using Oxygen (Multi-gas) monitors is to ensure that the monitor is within calibration and is in working order prior to entering the area Add two-man rule

12.15.4 Nitrogen (N₂) and Carbon Dioxide (CO₂)

- 1 As in the case of hydrogen, the use of nitrogen (N₂) gas and carbon dioxide gas (CO₂) is prevalent on site
- 2 N₂ and CO₂ are asphyxiating gases which replace oxygen in the atmosphere Therefore, all areas where nitrogen or carbon dioxide may be present have been marked with an appropriate N₂ or CO₂ warning Entering these areas without first determining the oxygen levels can be fatal Workers entering such an area are required to wear oxygen monitors at all times Staff, when issued with oxygen monitor are to ensure that the monitor is within calibration and is in working order prior to entering a potentially oxygen deficient area Add two-man rule

12.15.5 Heat Stress Areas

- 1 Heat stress areas are areas in which high temperature levels will be encountered All heat stress areas are clearly sign-posted Due to the hazards associated with temperature extremes, no person is permitted to enter a heat stress area unless he complies with stringent medical and safety requirements Any person who enters such an area must be certified fit to perform heat stress work (a medical examination is required), be in possession of a Safety Assurance Certificate and obey the two-man rule requirements

12.15.6 Two Man Rule Areas

- 1 Two man rule areas are sign-posted by pictograms indicating two persons joined by the arm No person may enter a two-man rule area unless a second person accompanies him

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12.15.7 Confined Space and Potential Oxygen Deficient Areas

- 1 Confined space will be identified on the Permit to Work. Potential oxygen deficient areas are clearly sign-posted. Contractor staff may only enter a confined space or potential oxygen deficient area if all the Koeberg safety criteria are complied with. The following is a brief outline of definitions and basic requirements for work in a confined space or potential oxygen deficient area. If in doubt, consult with the OH&S Group representative.

Note 9: *No persons can enter a confined space unless training has been given by the OH&S Group or the Technical Training Group*

12.15.7.1 Requirements for working in confined space:

1. Requirements for Work in a “Hazardous to Health” Confined Space
 - a. Hazardous to health confined spaces will be specified in the Permit to Work.
 - b. A Permit to Work and Safety Assurance Certificate must be in force before work commences in a hazardous to health confined space.
 - c. The person entering the hazardous to health confined space must wear a safety harness to which a rope is securely attached and which reaches beyond the access to the confined space.
 - d. At least one other person trained in resuscitation and the use of breathing apparatus must remain in attendance immediately outside the hazardous to health confined space to assist or rescue any person from the confined space. The person in attendance must keep the person in the hazardous to health confined space under direct and continuous observation.
 - e. Breathing and resuscitation apparatus must be available immediately outside the confined space.
 - f. An officer from OH&S Group will survey the hazardous to health confined space to evaluate hazards and issue a Safe to Work Permit, specifying additional safety requirements if necessary. The officer will remain in attendance when work is performed in the hazardous to health confined space. Generally, a worker is required to wear appropriate breathing apparatus when entering a hazardous to health confined space. Safety requirements specified in the Safe to Work Permit must be enforced at all times. Sam to review
2. Requirements for Work in an Isolated Confined Space
 - a. A Permit to Work and Safety Assurance Certificate must be in force before work commences in an isolated confined space.

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- b An officer from OH&S Group must survey the isolated confined space and certify that it is safe to enter, taking into account the nature and duration of work to be performed therein. The person entering the isolated confined space is required to wear an oxygen monitor,
- c A person working in an isolated confined space must comply with all the safety requirements set out in the Safe to Work Permit,
- d The isolated confined space must immediately be evacuated if the oxygen monitor alarms. The control room and the OH&S Group must be informed.

3. Requirements for Work in Potential Oxygen Deficient Areas

- a The area may only be entered if the audible and visual alarm have not been activated. If the alarm is activated while a person is in the area, he/she must evacuate the area by the shortest practical route and notify the control room and the OH&S Group. Persons entering a potentially oxygen deficient area must wear an oxygen monitor.

4. Water Environments

- a A contractor shall ensure that where work is done over or in close proximity to water, provision is made for
 - Preventing workers from falling into water, and
 - The rescuing of workers in danger of drowning
- b A contractor shall ensure that where a worker is exposed to the risk of drowning by falling into the water, a lifejacket is provided to and worn by the worker. Supervisor to do practical demonstration of putting on lifejacket.

12.16 ELECTRICAL SAFETY

- 1 Electrical faults may occur due to failed installation, accidental contact with live systems, circuit-breaker failure and by energising systems of faulty circuits. Electrical faults could result in an internal electric arc exposing workers to extreme arc temperatures and may result in molten contractile and shock waves.
- 2 Electrical faults cannot be ruled out during switching operations, maintenance, modification or work. Workers must be supplied with protective clothing and personal protective equipment for protection against a shock and the thermal hazards of an electric arc, when working on or near electrically **ALIVE** plant or equipment.
- 3 Workers that will be engaged with electrical **ALIVE** plant or equipment during the course of their work/activities must undergo Electrically Safety Arc Flash Protection Training. Get name from training. The requirement of KSA-130 (Standard for electrical safe working practices) to be complied with. Add new life-saving rule.

12.17 FIRE EQUIPMENT AND MAINTENANCE

- 1 All firefighting equipment that have been provided shall

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- a Be clearly labelled
 - b Conspicuously numbered
 - c Entered in a register
 - d Inspected monthly by a competent person
- 2 Tested and serviced at recommended intervals by an accredited supplier
 - 3 Results entered in the register and signed by competent person
 - 4 All Koeberg's fire prevention rules must be obeyed
 - 5 The burning of refuse is strictly prohibited on site. This prohibition includes the kindling of any type of fire for whatever reason or purpose
 - 6 Fire doors must be kept closed at all times
 - 7 Approval must be obtained from Koeberg's Fire Risk Management Group before any fire barrier (door, penetration seal, or damper) is compromised in any manner
 - 8 Smoking is strictly prohibited in all plant areas
 - 9 Oily rags, waste and other substances liable to ignite are without delay removed to a safe place, and
 - 10 Sufficient and suitable storage is provided for flammable liquids, solids and gases
 - 11 Workers must be trained in the use of fire-extinguishing equipment

12.18 STORAGE OF FLAMMABLE SUBSTANCES

Flammable substances may not be stored on Koeberg's property without the prior consent of Koeberg's Fire Risk Management Group. They shall prescribe storage arrangements and safety requirements. Please note that highly volatile substances such as acetone may only be taken to the plant areas under transient combustible permits obtainable from Fire Risk Management.

12.18.1 Use and Temporary Storage of Flammable Liquids on Site

- 1 Notwithstanding the provisions for the use and storage of flammable liquids as determined in the General Safety Regulations promulgated by Government Notice No R1031 dated 30 May 1986, as amended, a contractor shall ensure that
 - a Where flammable liquids are being used, applied or stored at the workplace concerned, this is done in such a manner which would cause no fire or explosion hazard, and that the workplace is effectively ventilated. Provided that where the workplace cannot effectively be ventilated,
 - b Every employee involved is provided with a respirator, mask or breathing apparatus of a type approved by the chief inspector, and
 - c Steps are taken to ensure that every such employee, while using or applying flammable liquid, uses the apparatus supplied to him or her,

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- d No person smokes in any place in which' flammable liquid is used or stored, and such contractor shall affix a suitable and conspicuous notice at all entrances to any such areas prohibiting such smoking,
- e Flammable liquids on a site is stored in a well-ventilated reasonably fire resistant container, cage or room and kept locked with proper access control measures in place,
- f An adequate amount of efficient fire-fighting equipment is installed in suitable locations around the flammable liquids store with the recognised symbolic signs,
- g Only the quantity of flammable liquid needed for work on one day is to be taken out of the store for use,
- h All containers holding flammable liquids are kept tightly closed when not in actual use and, after their contents have been used up, to be removed from the site and safely disposed of,
- i Where flammable liquids are decanted, the metal containers are bonded or earthed, and
- j No flammable material such as cotton waste, paper, cleaning rags or similar material is stored together with flammable liquids,

12.19 FIRST AID AND EQUIPMENT

- 1 The requirements of the OHS Act General Safety Regulation 3 must be observed
- 2 First aid appointments must be made to meet the requirements, this includes sites Appointees must be trained to minimum level 2 It is good practice for all employees to be trained to at least level 1
- 3 When appointing employees for work sites, cognisance must be taken into account the type of work performed, the distance teams are working apart and the terrain to be covered if an emergency should arise
- 4 A list of emergency numbers must be displayed on the notice boards and made accessible for all employees
- 5 Principal Contractor must ensure that his /her employees and appointed contractor employees are familiar with the emergency numbers
- 6 Contractors shall have one first aid box for the first 5 persons and thereafter one for every 50 or team of workers on site or part thereof, taking into account the type of work performed and the distance between teams
- 7 More first aid boxes shall be provided in accordance with the risk assessment Boxes must be available and accessible for the immediate treatment of injured persons at the workplace
- 8 For offices, signs indicating where the first aid box or boxes are kept as well as the name and contact details of the First Aider of such first aid box or boxes shall be erected
- 9 The Principal Contractor and appointed contractor shall ensure that alternative arrangements be made for incidents occurring after working hours

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12.19.1 Boxes and equipment First Aid procedure

- 1 The following is a list of minimum contents of a first aid box
 - a Item 1 Wound cleaner/antiseptic (100ml)
 - b Item 2 Swabs for cleaning wounds
 - c Item 3 Cotton wool for padding (100 g)
 - d Item 4 Sterile gauze (minimum quantity 10)
 - e Item 5 1 Pair of forceps (for splinters)
 - f Item 6 1 Pair of scissors (minimum size 100 mm)
 - g Item 7 1 Set of safety pins
 - h Item 8 4 Triangular bandages
 - i Item 9 4 Roller bandages (75 mm X 5 m)
 - j Item 10 4 Roller bandages (100 mm X 5 m)
 - k Item 11 1 Roll of elastic adhesive (25 mm X 3 m)
 - l Item 12 1 Non-allergenic adhesive strip (25 mm X 3 m)
 - m Item 13 1 Packet of adhesive dressing strips (minimum quantity, 10 assorted sizes)
 - n Item 14 4 First aid dressings (75 mm X 100 mm)
 - o Item 15 4 First aid dressings (150 mm x 200 mm)
 - p Item 16 2 Straight splints
 - q Item 17 2 Pairs large and 2 pairs medium disposable latex gloves
 - r Item 18 2 CPR mouth pieces or similar devices

A content check list must be available with all boxes and boxes shall be checked on a regular basis, kept clean and dust free

12.20 SHE COMMUNICATION SYSTEMS

- 1 Principal Contractor/s and their appointed contractors must develop a communication strategy outlining how they intend to communicate SHE issues to their staff, the mediums they will employ and how they will measure the effectiveness of their SHE communication. Below is a brief on how communication should take place. Where contract meetings are conducted on site, SHE shall be included as a standing agenda point and minutes of these meetings shall be available on site at all times. Minutes of meeting must be compiled and filed in the relevant SHE files. All employees shall have access to these minutes. Attendance register shall be kept for all the health and safety meetings.

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12.20.1 Statutory Health and Safety Committees

- 1 The principal contractor shall establish statutory health and safety committee in terms of Section 19 of the OHS Act, Act Similarly, appointed contractors shall establish their own statutory health and safety committee
- 2 All appointed contractors shall be members of the principal contractor's safety committee
- 3 The Committee shall meet to discuss SHE issues concerning the current work being performed, training, upcoming work and SHE requirements, incidents and lessons learned specific SHE problems, safety performance, action plans and other relevant SHE issues Listed below is a preferred agenda
- 4 SHE representatives for a workplace shall be members of the relevant workplace safety committees (Refer to Section 19 (2) (a) of the OHS Act)
- 5 The number of persons nominated by employer must not be more than the Health and Safety Representatives on that specific statutory health and safety committee (Refer to Section 19(2)(c) of the OHS Act)
- 6 A statutory health and safety committee meeting shall be held at least 3 monthly (where medium to high risk work is involved, more frequent if required), and all appointed members of the committee shall attend the meeting
- 7 Statutory health and safety committees may make recommendations to the principal contractor and the contract manager and the Inspector at DEL
- 8 All health and safety committees shall discuss all contracts related OHS Act Section 24 and 25 incidents and other notified serious incidents
- 9 Health and safety committees shall follow up on incident investigation recommendations and shall keep record of all recommendations made by the committee
- 10 Statutory health and safety committees may make recommendations for the revision of current standards, procedures and practices
- 11 The principal contractor and appointed contractors shall ensure that statutory and non-statutory health and safety committees carry out their duties
- 12 The chairperson of the health and safety committees shall be selected and appointed by the contractor The appointed chairperson must be competent to chair meetings and be able to make informed decisions

12.20.2 Non-statutory health and safety committees

- 1 Where there are large worksites, then non-statutory sub-committee must be established within that worksite to assist with the communication of health and safety related matters between the statutory health and safety committee and the workplace

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- 2 The duties and responsibilities of the non- statutory health and safety committees will be the same as the statutory safety committee

12.20.3 Agenda

- 1 The following serves as the guideline for the SHE Committee meeting agenda
- a List of agenda items
 - b Matters arising from previous minutes
 - c Matters arising from Contractor's SHE meetings
 - d Audit results and feedback
 - e Review Health and Safety Representative Inspection Reports
 - f Review
 - Incident investigation reports
 - Non-Conformances
 - Announcements (near miss/injury/damage)
 - Follow up on recommendations made by the employer in incident investigation reports
 - g Accident Prevention – Safety Promotion
 - Planned Job Observations
 - SHE Training
 - Protective clothing and equipment
 - Incident Announcements / Recall
 - h Forthcoming High hazard activities
 - i Housekeeping
 - j Work permits
 - k Work procedures
 - l Hazardous materials / substances
 - m Fire Prevention
 - n Occupational Hygiene Assessments, Health Risks and Actions
 - o Security
 - p vehicles and mobile equipment
 - q Rules, Instructions
 - r Public Safety
 - s Environmental Management

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- t Emergency Preparedness
- u Statistics report
- v Closure

12.20.4 Minutes and action items for all health and safety committee meetings

- 1 Minutes and record of action items shall be kept of all health and safety committee meetings
- 2 Action column with target dates and responsible person shall be clearly visible on the minutes and shall be completed during the meeting
- 3 Statutory health and safety committee meeting minutes and record of action items shall be kept for the duration of the contract or a minimum period of three years
- 4 Non-statutory health and safety committee meeting minutes shall be kept for the duration of the contract or a minimum period of 12 months
- 5 All other meeting minutes where SHE is on the agenda, shall be kept for a minimum period of 12 months
- 6 The original copy of the minutes and record of the action items must be signed by the chairperson
- 7 The relevant contract manager and principal contractor shall endorse the relevant minutes with his/her recommendations and return the minutes to the relevant contractors chairperson within 14 calendar days of the meeting

12.20.5 Tool box talks / Daily team talks / pre job meetings

- 1 A meeting must be held prior to the commencement of the day's work with all relevant personnel associated with the work task in attendance. The job, relevant procedures, associated hazards, safety measures, i.e. the task risk assessments shall be discussed. Each employee who attends the briefing shall sign an attendance list of that pre-job brief form undertaking that they have an understanding of the tasks, risks and control measures required.
- 2 Where possible, tool box talks can be included in the pre-job brief meetings. If this does not occur, then daily tool box talks must be conducted. The toolbox talk topics will be based on SHE issues pertaining to the site and or the contract. The topic contents shall be in writing. Attendance registers with the topic listed shall be kept. Principal Contractor/s and their appointed contractors must forward their updated email address detail to the Client in order to receive updated information on SHE issues pertaining to the site.

12.20.6 Safety, Health And Environmental Programme

- 1 Contractors shall implement key elements of Koeberg's Safety, Health and Environment Programme as recommended by SHE Group.

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12.21 SHE TRAINING

- 1 The principal contractor, when making a bid for this contract shall provide a breakdown list of the SHE training requirements and the costing of such requirements. Similarly, appointed contractor must provide the same requirements when bidding with the principal contractor
- 2 The scope of training includes but is not limited to the type of work being performed and the relevant procedures. Additional to the requirements, will be that the principal contractor and appointed contractors must have the appropriate qualifications, certificates and employees should always be under competent supervision
- 3 Where legislative and Eskom recommended appointments are made, the relevant training shall be given to those appointees prior to the acceptance of those appointments
- 4 When there is an amendment to the Acts and/or to the regulations, SHE specification and SHE plan, all affected staff shall undergo the applicable refresher training
- 5 Appropriate time must be set aside for training (induction and other) of all employees
- 6 Records of all training and qualifications of all contractor employees must be kept on the SHE file

12.21.1 Induction training

- 1 The principal contractor shall ensure that all his / her employees, appointed contractors and their employees have undergone the Eskom Safety Contractor Management induction training prior to commencing work on site
- 2 Attendance registers must be completed of any induction training given, which must indicate that they have received and understood the induction training
- 3 Prior to attending the induction training, all employees must undergo a pre-employment medical examination and found fit for duty. A copy of the certificate of fitness must be kept in the SHE file on site for the duration of the contract
- 4 All employees and visitors on site shall carry the proof of induction training

12.21.2 Site specific induction training

The principal contractor shall ensure that all his / her employees and appointed contractor employees undergo site specific work induction with regard to the approved contract SHE plan, general hazards prevalent on the site, risk assessment, rules and regulations, and other related aspects. The induction training should also include identification of sensitive features such as wetlands/vlei areas, red data species, graves, etc

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12.21.3 Visitors to site induction

- 1 Visitors to the site shall be required to undergo and comply with the principal contractor's site-specific safety induction prior to being allowed access to site
- 2 All visitors must remain in the care and custody of a person (host) who has been properly inducted. No visitors are permitted to undertake any work onsite, of any nature
- 3 Visitors who have completed site induction must be provided with a record of proof of Induction training

12.21.4 General training

- 1 The principal contractor will be required to ensure that before an employee commences work on the contract, the respective supervisor informs the employee of his scope of authority, the hazards associated with work as well as the control measures to be taken. This will include man-job specifications, the discussion of any task procedures or hazardous operational procedures to be performed by the employee. The Principal Contractor is to ensure that the supervisor has satisfied himself that the employee understands the hazards associated with any work to be performed by conducting task/job observations

12.22 CONTRACTOR SITE ESTABLISHMENT

- 1 A site establishment checklist
- 2 Principal contractor's site facilities should be managed at all times
- 3 Prior to establishing a contract site, a site plan is required to be drawn listing position of all buildings, amenities, storage and stacking areas. The appropriate colour coding and demarcation of storage and stacking areas must be carried out
- 4 Where, working in the field and material is stored at the work sites, then proper stacking and storage shall be carried out
- 5 When compiling the site plan, cognisance must be taken to the establishment of the site camp, ablution facilities and dining area in relation to one another and away from stacking and storage areas

12.22.1 Vehicle safety

- 1 It is the responsibility of the driver to ensure
 - a Their passengers wear seat belts whilst the vehicle is in motion, if found guilty of such offence the offender will be subject to Koeberg's MANDIR-091 concerning the enforcing of SHE Rules
 - b That he complies with all traffic road rules, safety, direction and speed signs
 - c That vehicle loads are properly secured prior to moving off
 - d That vehicle is not overloaded

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- e That no persons are transported at the back of vehicles
 - f That persons and material are not transported simultaneously as such material may move in transit and injure passengers
- 2 No drivers or operators may text, talk on dect phones or two way radios whilst driving, unless a hands free kit is used
- 3 All drivers of vehicles are to have valid medical fitness certificates
- 4 Contractor must maintain their vehicles in a roadworthy condition and a vehicle license must be valid at all times
- 5 Drivers of light vehicles must avoid stopping or parking in the vicinity of machines At least 30 (thirty) meters must be left clear between such a vehicle and such a machine
- 6 Contractor vehicles can be subject to inspections by the Client/Agent's representative Vehicles which are not roadworthy will not be permitted to be used on the contract
- 7 Drivers/operators shall be responsible for the travel-worthiness of all loads conveyed by them Precautions shall be taken to secure all loads properly Loads contracting from vehicles shall be securely loaded and in daytime a red flag and during darkness a red light or red reflective material shall be attached to the extreme end of such contracting material
- 8 All vehicle movements within the plant and works shall be carried out with due regard to the safety of pedestrians A general speed restriction of 35km/h as indicated is in operation within the works area
- 9 Speed limits displayed on Koeberg's property must be complied with as they are legally enforceable The speed limit on site is 35 km/h

12.23 LOCK-OUT SYSTEM AND USAGE

- 1 The contractor will be required to submit to the Koeberg Permit-to-Work/Lockout System
- 2 Under no circumstances may the contractor remove or change Koeberg lockout tag or forcibly remove locks to gain access to equipment Unauthorised interference with Koeberg's lockout procedures will constitute legal violations in terms of the OH&S Act and could be construed as breach of contract

12.24 WORK PERMITS

- 1 The following permits are used to control work in or on the plant
 - a Permit To Work/Limited Access Register
- 2 The permits are issued by the Operating Department A Permit to Work must be in force for hazardous work performed on the plant Work performed under a Permit to Work is always supervised by an Authorised Responsible Person (A person authorised in terms of the Eskom Plant Safety Regulations),

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- 3 Certain work may be carried out without a Permit to Work. A Limited Access Register is used to control work performed under the following conditions,
- a no risk of personal injury,
 - b no risk of turbine/reactor trip,
 - c work is completed in one shift
 - d work is performed by a skilled person

12.24.1 Safety Assurance Certificate

- 1 This permit is issued by the OH&S Group for work in hazardous environments, confined spaces and heat stress areas

12.25 HOUSEKEEPING AND ORDER

- 1 All contractors shall maintain a high standard of housekeeping within their sites and vehicles for the duration of the contract in line with KSA-149
- 2 Prompt disposal of waste materials, scrap and rubbish is essential
- 3 Materials/objects shall not be left unsecured in elevated areas - falling objects may cause serious injuries/fatalities
- 4 Nails protruding through timber shall be bent over or removed so as not to cause injury
- 5 All packaging material including boxes, pallets, crates, etc. to be removed from the work area immediately
- 6 On completion of his / her work, the contractor is responsible for clearing his / her work area of all materials, scrap, temporary buildings and building bases to the satisfaction of the client/agent
- 7 In cases where an inadequate standard of housekeeping has developed, compromising safety and cleanliness, anyone has the responsibility to bring it to the attention of the principal contractor in the first instance and the Eskom contract/site manager in the second instance
- 8 The Eskom Contract/Site Manager has the right to instruct the principal contractor and appointed contractors to cease work until the area has been tidied up and made safe. Neither additional costs nor extension of time to the contract shall be allowed as a result of such a stoppage. Failure to comply with this requirement will result in site cleaning by another cleaning contractor company at the cost of the principal contractor
- 9 The principal contractor shall carry out regular safety/housekeeping inspections (at least weekly) to ensure maintenance of satisfactory standards. The principal contractor shall document the results of each inspection and shall maintain records for viewing

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12.25.1 Stacking and Storage

- 1 Before stacking/storing any material, the contractors or their employees must consult the contract manager for authorisation to use such an area for stacking purposes This is to prevent haphazard arrangements
- 2 Adequate care must be taken by the contractor to ensure that storage and stacking is carried out correctly and safely
- 3 Correct shelf stacking must be carried out, heavy and bulky on the bottom, light and small on top
- 4 A contractor shall ensure that
 - a A competent person is appointed in writing with the duty of supervising all stacking and storage on a site,
 - b Adequate storage areas are provided,
 - c There are demarcated storage areas, and
 - d Storage areas are kept neat and under control

12.26 WORKPLACE SIGNAGE AND COLOUR CODING

- 1 Symbolic safety signage shall be displayed where it is required by legislation
- 2 All symbolic safety signage shall conform to the requirements of SANS standard 1186
- 3 Signs shall be positioned to be seen from most positions within the work sites / areas
- 4 All signage must be clear at all times and be replaced timeously when worn out
- 5 Contractors establishing sites must erect a company sign at their site offices to reflect the name and contact details of the Supervisor, Health and Safety Manager/Practitioner, First Aider, Health and Safety Representative and Evacuation warden
- 6 The location of every first aid box, fire extinguisher and emergency exit is to be clearly indicated by means of a sign
- 7 Contractors shall provide signage where work is conducted and where unauthorised entry is prohibited and/or where alerting and cautioning passers-by to be aware of potential dangers
- 8 The meanings of the appropriate symbolic signage must be discussed during induction training and toolbox talks
- 9 Where possible, within workshops, work areas and established premises, the appropriate sign indicating the meaning of symbolic safety signs must be displayed

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12.27 TOOLS AND EQUIPMENT

- 1 Contractors shall ensure that all tools and equipment are identified, safe to be used and is maintained in a good condition
- 2 Contractors shall ensure that all tools and equipment are listed on an inventory list, be regularly inspected at least monthly or as required by legislation and risk assessments. The equipment should be numbered or tagged so that it can be properly monitored and inspected
- 3 Where applicable, tools and equipment must have the necessary approved test or calibration documentation prior to being brought onto the contract and the records shall form part of the SHE plan. Maintenance calibration shall be undertaken in terms of the manufacturer's requirements
- 4 All fuel driven equipment must be properly maintained in accordance with the manufacturer's recommendations and legal requirements
- 5 Eskom reserves the right to inspect tools or items of equipment brought to site by contractors for use on this contract
- 6 Should Eskom personnel find any item that is inadequate, faulty, and unsafe or in any other way unsuitable for the safe and satisfactory execution of the work for which it is intended, the Eskom personnel shall advise the contractor in writing and the contractor shall forthwith remove the item from site and replace it with a safe and adequate substitute

Note 10 *In such cases, the contractor shall not be entitled to extra payments or extensions of time in respect of delay caused by Eskom's instructions*

- 7 Where defective tools and equipment's are identified, such tools and equipment shall be removed out of site immediately, locked away to prevent further use until such time as the tool or piece of equipment has been repaired
- 8 Contractors shall ensure that the appropriate records are kept for all tools and equipment used on the contract. Such tools and equipment's shall be subjected to regular inspections

12.27.1 Hand tools

- 1 All hand tools must be recorded on a register and inspected by the Supervisor on a monthly basis as well as by users prior to use
- 2 Tools with sharp points in tool boxes must be protected with a cover
- 3 All files and similar tools must be fitted with handles
- 4 No make shift tools are permissible on the contract

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12.27.2 Portable electrical tools including hand lamps

NOTE 11: *Portable Electrical Tools must comply to the Regulations as defined in the Electrical Machinery Regulations in Section 9 and 10*

- 1 A record book shall be provided and kept up to date by the contractor for the inspection by a person who has been trained and appointed in writing to carry out such inspections (and such person shall be a contractor's employee), of all portable tools and shall include welding machines and hand lamps
- 2 These portable tools shall be inspected and tested at least once a week and the record book signed by the person conducting such inspection
- 3 Portable tools are to be clearly marked that the of these tools complies with double insulation Please note that such appliances need to be earthed
- 4 Earth leakage circuit protection is required during the usage of portable electrical tools including hand lamps This is considered adequate protection when working in wet or damp conditions or in closely confined spaces inside metal vessels
- 5 All portable tools shall be maintained in good and safe working order The wiring of 3 point plugs must comply with the following
- 6 Cable Sheath clamped to plug
- 7 Earth Conductor wired with a loop to provide earth protection during forced disconnection
- 8 Such record book shall be made available to Koeberg representative on request

12.28 LADDERS

- 1 Ladders used shall conform to the requirements of GSR 13A and used in terms of GSR 6
- 2 The appropriate head protection, with chin strap shall be worn by employees working from a ladder or with climbing irons
- 3 The ladder wheels, brakes and platform must be in good condition
- 4 All metal parts to be in good condition, no cracks
- 5 Non-slip devices must be in good condition and no paint to be on wooden ladders
- 6 The correct fall protection equipment shall be worn and used whilst climbing up, working from and climbing down ladders
- 7 A detailed inspection of all ladders shall be conducted monthly by a competent person and every time prior to climbing by employees using such ladders The inspection check lists must be filed in the site SHE files
- 8 The usage of ladders must comply with the following

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- a Ladders must be tied off at the top to prevent movement
- b Ladders must be inspected monthly by a person appointed in writing and the findings recorded on an inspection checklist
- c The base of the ladder must be set back a safe distance from the vertical, approximately a fourth of length of the ladders,
- d Ladders used to access a floor or platform must extend at least 1 meter above such a floor or platform,
- e Stepladders must be fully opened to permit the spreader to lock,
- f It is not permissible to stand on the top rung of a ladder

12.29 CRANES

- 1 Overhead cranes may not be operated unless the overhead Crane Pendant Station course has been completed

12.30 SCAFFOLDING

- 1 Koeberg erects scaffold structures for specific work required, unless otherwise agreed upon
- 2 Scaffolding use shall conform to the requirements of CR 14, Eskom procedure 32-418 and used in terms of GSR 6
- 3 The requirements for using a scaffold platform shall be determined by the work at heights risk assessment
- 4 All scaffolding that will be used shall conform to the SANS standard 10085 and the requirements of CR 16 shall be carried out
- 5 Scaffolding shall be erected and inspected by competent personnel Under no circumstances may a contractor modify or change existing scaffolding to suit his requirements Changes to Scaffolding are solely authorised by the scaffold inspector
- 6 The designated scaffold inspector on site must approve all scaffolding Hence, no scaffold may be accessed which does not display the standard green safe-for-use tag signed by the scaffold inspector
- 7 The correct fall protection equipment shall be worn and used whilst climbing up, working from and climbing down the scaffolds
- 8 A detailed inspection of all scaffolding shall be conducted monthly by a competent person and every time prior to climbing by employees using such scaffolding The inspection check lists must be filed in the site SHE files

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12.31 AUDITING

12.31.1 Approval and compliance of principal contractor SHE plan

- 1 The Contractor's SHE Plan will be audited against compliance checklist so as to verify compliance to the requirements of the Eskom SHE specifications. Once there is compliance only then will the principal contractors SHE plan be approved by the contract manager or an appointed Eskom contract custodian. The implementation of the SHE Plan shall be assessed / audited by Eskom personnel on a regular basis. This will include physical conditions evaluation.

12.31.2 Eskom SHE audits

- 1 Eskom shall evaluate all contractors' SHE performance on an ongoing basis against the legal, Eskom requirements, SHE specification and the contractors SHE plans.

Note 12: Eskom reserves the right to conduct unannounced audits on contractors

- 2 There will be monthly audits conducted by Eskom on the principal contractor/s and/or appointed contractors. These audits shall be attended by the contractor's site manager or his representative.
- 3 If there are any findings / non-compliance identified as serious in these audits, an activity will be stopped for that specific Principal Contractor and appointed contractor. Refer to section on "Work Stoppage" in this SHE Specification.

12.31.3 Contractor audits

- 1 Principal Contractors are required to conduct internal audits on both their employees and their appointed contractors on the implementation of their SHE Plan on a monthly basis or when the scope of work changes. A summary of the findings and the proposed corrective actions shall be submitted to Eskom contract manager within one week after completion of the audit. Where appointed contractors are audited by the principal contractor a copy of the audit report shall be submitted to the appointed contractor within 7 days of the audit.

12.31.4 Smoking

- 1 The national smoking policy must be observed and smoking is permitted in designated areas only (Eskom Smoking Procedure 32-36).

12.31.5 Cellular phones

- 1 The national requirements regarding the use of cellular phones must be observed, in particular when driving and or operating mobile equipment and or machinery.

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12.32 OCCUPATIONAL HEALTH, HYGIENE AND REHABILITATION

- 1 All contractors are required to develop an Occupational Health, Hygiene and Rehabilitation program. The program is intended to ensure that the risks to health are identified and controlled.

12.32.1 Medicals

Note 13: Eskom will only accept medical surveillances conducted by an Occupational Health Practitioner who holds a qualification in occupational health.

- 1 Principal contractors must ensure that their employees and their appointed contractor employees have a medical surveillance program whereby their employees undergo entry, periodic and exit medical fitness examinations.
- 2 In order for the appropriate medical examinations to be conducted, each employee must have a job specification, which must indicate the description of work, list of hazards and potential occupational exposure limits, physical hazards and required physical attributes.
- 3 Medical fitness certificates shall be renewed annually for employees who are working on site. This shall be maintained until completion of the contract.
- 4 The Principal Contractor must ensure that his / her employees and appointed contractor employees have undergone pre-entry medical examination before starting work on the contract.
- 5 The principal contractor shall provide a documented process for managing those employees who are issued with a conditional certificate of fitness.
- 6 Health Services will conduct the following health surveillance:
 - a Physical Examinations,
 - b Random drug testing,
 - c Biological Monitoring,
 - d Heat stress certification,
 - e Personal exposure monitoring
- 7 Limited primary health care services are available from 13h00 to 14h00 daily in the event of staff falling sick at work. Written permission from the supervisor will be required.
- 8 Health services will respond to medical emergencies during normal working hours. The Fire and Rescue team will provide this function after hours.

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12.32.2 Medical Notification

- 1 All contractor employees must notify the Medical Group of any communicable disease or illness they are suffering from immediately it becomes known to them or on commencement of work at Koeberg irrespective whether they contracted the ailment prior to employment on Koeberg site
- 2 The following diseases/illnesses are noticeable
 - a All contagious/infectious diseases such as German Measles, Measles, Mumps
 - b Food handlers must report the following illnesses Typhoid, hepatitis A, skin conditions, upper respiratory tract infections
 - c Tuberculosis (this can be treated by Health Services on site)

12.33 ROLES AND RESPONSIBILITIES

- 1 All contractors are required to list employee's roles and responsibilities pertaining to the contract

12.34 WORKING AT HEIGHTS

12.34.1 General Requirements

- 1 Wherever reasonably practicable, preference is given to the performance of work at ground level as opposed to the elevated position Where work in an elevated position is necessary, preference is given to fall prevention measures such as, but not limited to, effective barricading and the use of work platforms Persons may only work from a fall risk position if a site-specific fall protection plan is in place and correctly implemented and consists of the following
 - a All appointments for the fall protection plan developer and implementer are in place
 - b Baseline risk assessment, which is specific and incorporates the working at height risk assessment, as well as the site-specific risk assessment, has been completed for the work to be conducted
 - c Safe working procedure/task analysis and work instructions, approved by a competent person, are in place
 - d A fall rescue plan, along with necessary equipment and trained rescuers, is in place
 - e Appropriate training, as determined by the risk assessment, has been provided
 - f Appropriate height safety equipment and personal protective equipment have been issued to the individual
 - g There are equipment inspection procedures and up-to-date inspection records
 - h Individuals are medically fit to work at height, and records of this are kept

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- 1 A site-specific risk assessment is performed
- 2 While work is in progress, adequate warning signs and/or barricades shall be used in all areas where there is a risk of persons being injured by materials or equipment falling from the work area. Barricades should be continuous and easily visible.
- 3 A drop zone shall be established with appropriate warning signs and barricading, warning personnel below of workers above and potential falling objects.

12.34.2 Every employer shall ensure that work at height is:

- 1 properly planned,
- 2 appropriately supervised, and
- 3 carried out in a manner that is, as far as is reasonably practicable, safe and that its planning includes the selection of work equipment.

12.34.3 Fall Protection

12.34.3.1 The contractor shall ensure that:

- 1 All unprotected openings in floors, edges, slabs, hatchways and stairways are adequately guarded, fenced or barricaded or that similar means are used to safeguard any person from falling through such openings,
- 2 No person works in an elevated position, unless such work is performed safely as if working from a scaffold or ladder,
- 3 Notices are conspicuously placed at all openings where the possibility exists that a person might fall through such openings,
- 4 Fall prevention and fall arrest equipment is
 - a Suitable and of sufficient strength for the purpose or purposes for which it is being used having regard to the work being carried out and the load, including any person, it is intended to bear, and
 - b Securely attached to a structure or plant and the structure or plant and the means of attachment thereto is suitable and of sufficient strength and stability for the purpose of safely supporting the equipment and any person who is liable to fall,
 - c Fall arrest equipment shall only be used where it is not reasonably practicable to use fall prevention equipment, and
 - d Suitable and sufficient steps shall be taken to ensure, as far as is reasonably practicable, that in the event of a fall by any person, the fall arrest equipment or the surrounding environment does not cause injury to the person.

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12.35 PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS

- 1 The Principal contractor must provide a detailed programme that includes the issuing, maintenance and replacement of PPE for all his employees and appointed contractors on site
- 2 All contractors shall comply with the requirements of GSR 2 of the OHS Act
- 3 The risk based PPE matrix must be compiled detailing the types of PPE that is required to be issued to employees performing the respective tasks
- 4 Where there are unusual instances where particular activities require additional type of PPE, then a risk assessment must be conducted where such PPE requirements will be identified and the issuing be carried out
- 5 All contractors shall ensure that their visitors wear and use the correct PPE whilst on worksites
- 6 Where PPE is required and visitors are not in possession of, then it is the individual contractor's responsibility to provide the PPE
- 7 All PPE purchased and used by all contractor employees including visitors must comply with, and labelled according **SANS 434** and the label shall bear information as given in 5 3 1 2 (see figure 6(a) and figure 6(b)) of **SANS 434**.
- 8 The garment manufacturer shall receive a certificate of compliance from the manufacturer of the fabric confirming that the fabric complies to the **SANS** and **EN** specifications
- 9 Where deemed as a requirement, then high visibility vests shall be worn
- 10 Once on site the contractor shall familiarise himself/herself with MANDIR-009 which details PPE requirement of the various plant areas

12.36 INCIDENT INVESTIGATION

- 1 All injuries, illness and environmental incidents shall be reported immediately but not later than at the end of the shift Injuries shall be reported by raising a condition report which is available from the Eskom Representative or Contracts Manager
- 2 All incidents shall be investigated in terms of OHS Act General Administrative Regulations 8 and 9, using Eskom Procedure 32-95 as a reference, and where injuries as contemplated in sections 24 and 25 have been sustained, be reported to the Department of Labour
- 3 Contractors shall use the standard General Administrative Regulation Annexure 1 "Recording of an Incident" form for all incident investigation reports The objective of incident investigation, should not only be a legal requirement, but should establish why and how the incident occurred and find out the real root cause of the incident and to decide on precautionary measures that are required to address the root cause to prevent any further recurrences of the same or similar incidents

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4 Copies of the Accident Report are to be given, within 24 hours to the following

- a Contractor Representative / Manager
- b Occupational, Hygiene and Safety department

12.37 CHEMICAL CONTROL PROGRAMME

- 1 A chemical control programme has been implemented at Koeberg to preserve the long term health of the plant and that of the employees
- 2 The aim of the programme is to control Access of chemical products onto site, Issuing of chemical products from Stores, Usage of chemical products on the plant, Removal of chemicals from site

12.37.1 Requirements for Contractors are as follow:

- a No chemical products are brought onto site without prior approval from the Koeberg representative,
- b Must provide up front list of all chemical products that are to be used on site during the contract (The Koeberg representative must determine if the chemical products are on the Approved Chemical Product List and if not, follow the approval process in accordance with KAA-751),
- c Must supply the Koeberg representative with a chemical analysis certificate if the chemical product is not listed on the Approved Chemical Product List,
- d Must ensure that all the chemical products are labelled before bringing them onto site i.e standard hazard/precautions label and Koeberg specific label,
- e Must provide up front Material Safety Data Sheets relating to specific chemical products used
- f Must ensure that all flammable substances for duration of work on site is properly stored,
- g Obtain Transient Combustible Certificate from Fire Risk Management for substances used in accordance with KSA-025,
- h Must ensure that staff are provided with correct personal protective equipment e.g respirators, safety spectacles, etc prior to work commencement,
- i Must brief staff on hazards and risk when working with specific chemical products during work on site,
- j Before leaving site must remove all chemical products originally brought on site This includes both empty containers and any remaining unused chemical products,
- k Any accidental exposure is to be reported to Medical Services and Occupational Hygiene & Safety department
- l It is important that the Koeberg representative and Contractor liaise with SHE Group prior to commencing work on site in order to ensure that the hazards and risks are evaluated However, more importantly, that the legal requirements are met in accordance with the OHS Act and NEMA

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12.38 EMERGENCY MANAGEMENT

- 1 The art of emergency preparedness and response is to minimise the effects of any emergency and to restore normal activities as soon as practical. The contractor must familiarise themselves with the Eskom emergency response plan and procedure. Periodic emergency drills must be undertaken to test the effectiveness of the plan. This must be recorded and provided on request.
- 2 Telephone numbers to be used for the reporting of any emergency
 - a. **CONTROL ROOM: PAX 4222.**

12.39 NON CONFORMANCE AND COMPLIANCE

- 1 Any non-compliance to any health and safety requirement in this SHE specification is subject to discipline in terms of the Eskom Procurement and Supply Management Procedure.
- 2 Principal contractors are required to implement a non-conformance procedure (if not already in place) for issuing to contractors for transgressions. The procedure can include "quality" related non-conformance issues. Similarly, appointed contractors must implement a non-conformance procedure.
- 3 The procedure for the issuing and closing off of non-conformance reports shall be strictly adhered to.
- 4 Contractor site management must monitor the close out non-conformances issued, in not doing so, any recommendations made may not be implemented.
- 5 Where non-conformances are issued by Eskom then one of the close-out steps of the procedure will be for the offender to be called by the responsible contract manager to explain the non-conformance issued and what plan is in place to prevent a recurrence of the non-conformance.
- 6 Should the contractor fail to provide adequate PPE to their employees for the tasks being performed and/or to visitors, failure to enforce the wearing of such PPE will be viewed as a transgression of the legislative and Eskom requirements.

12.40 SHE FILES

- 1 A SHE file means a file or other record in permanent form, containing the information about the safety and health management system during the contract.
- 2 All contractors are required to keep a SHE file on every contract site. If there is more than one site per contract, a file per site shall be kept at that site. Contractors may keep additional files at their head office as additional records. The SHE file shall be maintained by all the contractors on their sites and shall be available on request for audit and inspection purposes.

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- 3 The SHE file shall consist of the requirements in terms of the contract's safety specification, the contractor's safety and health plans
- 4 The sequence of filing the documentation must be kept in the same sequence as listed in Appendix 2
- 5 Each record shall be separated by partitions to afford easy identification and access Each partition must be labelled
- 6 On completion of the contract, the principal contractor must hand over a consolidated health and safety file to the contract manager The principal contractor must also hand over all drawings, designs, lists of materials used, and other applicable information about the completed structure, as well as the list of subcontractors, the agreement, and the type of work completed
- 7 In case where the contract is extended, should the documentation in the SHE files become cumbersome, the older documentation must be archived in boxes which shall be correctly labelled and be available for auditing purposes The archived documentation must be handed over at the completion of the contract

12.41 WORK STOPPAGE

- 1 Any person may stop any activity where an unsafe act or unsafe condition that poses or may pose an imminent threat to the safety and health of an individual or create a risk of degradation of the environment This includes any unauthorised work or service performed by, or legally or contractually non-compliant acts or omissions by, any contractor contracted to work at that site
- 2 Work stoppages that are initiated due to SHE concerns, non-compliance, or poor performance related to the contractor's works or services shall not warrant any financial compensation claim lodged against Eskom where the contractor has not met the requirements defined legally or contractually
- 3 Where stoppages are carried out, the required non-conformance report shall be raised
- 4 All work stoppages ideally should be investigated and documented by contract custodians

12.42 HOURS OF WORK

- 1 The requirements of the Basic Conditions of Employment Act, Chapter Two "Regulation of Working Time" must be adhered to All contractors are required to maintain an accurate record of time worked by each employee

12.42.1 Normal work

- 1 All work conducted on site shall fall within the legal requirements in accordance with the Basic Conditions of Employment Act Contractors will notify their Eskom Supervisor or contract manager of any work that needs to be performed after hours according to the agreed arrangements (The application needs to be submitted

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timeously) Where applicable, the notification should include proof of application, for overtime, to the Department of Labour and /or the letter of approval from the Department of Labour

12.42.2 Night work

- 1 When night work is to be performed, contractors shall provide sufficient lighting to enable the entire work site to be illuminated to a degree that employees will not work in dark (un-illuminated) or dimly lit areas Care must be exercised as not to use few lights with high light intensives as this will cause night blindness
- 2 If work is continuing from day light into night, at dusk, a tool box talk must be held where all employees will be advised of the hazards of night work and the extra precautions which require to be taken, i.e. poor housekeeping, stepping on uneven ground, stepping into holes etc

12.42.3 Overtime

- 1 When overtime is required to be performed, the appointed contractors shall inform the principal contractor of such action The principal contractor shall inform the Eskom contract manager of such function Contractors shall be aware of the effects of human fatigue and regulate overtime accordingly The baseline risk assessment must be reviewed to include the management of overtime work

12.43 HORSEPLAY AND ASSAULTS

- 1 The contractor shall make an effort to prevent horseplay or assaults at Koeberg Any offender will be removed from the Koeberg premises

12.44 RECOGNISED ROUTES TO BE FOLLOWED

- 1 Contractors shall ascertain from Koeberg's representative the correct route along which their employees may proceed when coming on or going off shift and direct their employees accordingly
- 2 No employee shall be permitted to remain on site and/or in the works at the end of his shift The contractor shall institute effective measures enabling him/her to ensure that all persons leave the site and/or the works on completion of his/her shift
- 3 Occurrence of cases of missing persons shall be reported immediately to the Koeberg representative, and the contractor shall co-operate in tracing such person(s)

A. OMISSIONS FROM SAFETY AND HEALTH REQUIREMENTS SPECIFICATION

By drawing up this SHE specification Eskom has endeavoured to address the most critical aspects relating to SHE issues in order to assist the contractor to adequately provide for the health and safety of employees on site

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Should Eskom not have addressed all SHEQ aspects pertaining to the work that is tendered for, the contractor needs to include it in the SHE plan and inform Eskom of such issues when signing the contract

B. CONTRACT SIGN OFF

On completion of the contract, all appointed contractors shall close out their contract documentation and SHE files and forward such to the principal contractor. The principal contractor shall likewise close out his/her contract documentation and SHE files and forward such to the Eskom contract manager

12.45 APPENDICES

Appendix 1 – SHE Risk Register (Baseline Risk Assessment)

Appendix 2 – Method Statement

Appendix 3 - SHE File Index

Appendix 1 – SHE Risk Register (Baseline Risk Assessment)

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APPENDIX 2
METHOD STATEMENT

	KOEBERG METHOD STATEMENT		REFERENCES: KGA-073	
PROJECT				
PROJECT START DATE		PROJECT COMPLETION DATE		
PRINCIPAL CONTRACTOR				
SUB-CONTRACTOR(S)				
PROJECT SITE				
PROJECT DESCRIPTION				
NUMBER OF EMPLOYEES				
EQUIPMENT TO BE USED		1		
		2		
		3		
		4		
		5		
		6		
WORK INVOLVES PLEASE TICK (✓) FOR YES AND CROSS FOR (X) NO				
Working at heights		Core drilling		Hot work i.e. welding, grinding

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Crane operations		Electrical work		Confine Space work	
Excavation work		Controlled Zone		Hazardous locations	
Rigging		Rope Access		Working with chemicals	
Materials handling		Other (Specify)			
PROCEDURE (IN STEPS) Detailing the work to be performed		POSSIBLE HAZARDS.		SAFETY CONTROLS. (INSPECTIONS, SWP)	
1					
2					
3					
4					
5					
CONTRACTOR ACKNOWLEDGEMENT OF SAFE WORK METHOD STATEMENT (to be signed by the 16.1 or 16.2):					
NAME AND SURNAME		COMPANY		CONTACT NUMBER	
DESIGNATION		SIGNATURE			
CLIENT ACKNOWLEDGEMENT OF SAFE WORK METHOD STATEMENT (to be signed by the project manager)					
NAME AND SURNAME		COMPANY		CONTACT NUMBER	
DESIGNATION		SIGNATURE			

APPENDIX 3

SHE FILE INDEX

- 1 37 (2) Mandatary Agreement
- 2 Valid letter of Good Standing
- 3 SHEQ Policy
- 4 Client Baseline Risk Assessment
- 5 Client SHE Specification
- 6 Organogram as per legal appointments
- 7 List names of employees that will be working on the contract , copies of ID and drivers license for vehicle operators
- 8 Method statement and Baseline Risk Assessment
- 9 Safe work procedures
- 10 Health and Safety Plan

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- 11 Environmental Management Plan
- 12 Legal appointments and competencies to support the legal appointments
- 13 Competencies
- 14 Medical Fitness Certificates
- 15 Fall Protection Plan (Applicable to working at heights only)
- 16 SDS's
- 17 Templates of inspection checklist i.e. portable electrical equipment, ladder inspections, personal protective equipment etc
- 18 Emergency information i.e. copy of evacuation procedure, rescue plans, etc
- 19 General information i.e. copy of induction training, etc

Revisions

Date	Rev.	Compiler	Remarks
August 2025	1	C Nel	This SHE specification has been reviewed to integrate the Environmental requirements, Life-saving rules update and 32-726-02T template requirements
April 2020	0	S Tshabalala	This provides the initial SHE specification requirements that must be met by the relevant contractors who have been awarded a contract for the work to be performed for Eskom

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