

ANNEXURE A

Construction Health and Safety Baseline Specification

APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY AND DELIVERY OF CONSTRUCTION MATERIAL TO TAMBOERSKLOOF MILITARY SITE LOCATED IN THE WESTERN CAPE PROVINCE

DETAILS

**SUPERVISION BY THE CLIENT
DBSA – DEVELOPMENT BANK OF SOUTHERN AFRICA**

**SUPERVISION BY THE PROFFESIONAL SERVICE PROVIDER
TBA**

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1. INTRODUCTION

- 1.1. In terms of Construction Regulation 5(1) (b) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), DBSA – Development Bank of Southern Africa, as the Client and/or its Agent on its behalf, shall be responsible to prepare Health & Safety Specifications for any intended construction project and provide any Service Provider / Principal Contractor who is making a bid or appointed to perform construction work for the Client and/or its Agent on its behalf with the same.
- 1.2. The Service Provider / Principal Contractor and contractors shall be responsible for the Health & Safety Policy for the site in terms of Section 7 of the Act and in line with Construction Regulation 7 as well as the Health and Safety Plan for the project.
- 1.3. This 'Health and Safety Specifications' document is governed by the "Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), hereinafter referred to as 'The Act'. It should be noted that no single Act or its set of Regulations be read in isolation. Furthermore, although the definition of Health and Safety Specifications stipulates 'a documented specification of all health and safety requirements pertaining to associated works on a construction site, so as to ensure the health and safety of persons', it is required that the entire scope of the Labour Legislation, including the Basic Conditions of Employment Act be considered as part of the legal compliance system. With reference to this specification document this requirement is limited to all health, safety and environmental issues pertaining to the site of the project as referred to here-in. Despite the foregoing it is reiterated that environmental management shall receive due attention.
- 1.4. Prior to drafting the Health and Safety Plan, and in consideration of the information contained here-in, the contractor shall set up a Risk Assessment Program to identify and determine the scope and details of any risk associated with any hazard related to the supply and delivery of construction materials in order to identify the steps needed to be taken to remove, reduce or control such hazard. This Risk Assessment and the steps identified will be the basis or point of departure for the Health and Safety Plan. The Health and Safety Plan shall include documented 'Method Statements of Work' detailing the key activities to be performed when delivering/offloading of construction materials in order to reduce as far as reasonably practicable, the hazards identified in the Risk Assessment.
- 1.5. Every effort has been made to ensure that this specification document is accurate and adequate in all respects. Should it however, contain any errors or omissions they may not be considered as grounds for claims under the contract for additional reimbursement or extension of time, or relieve

the Service Provider from his responsibilities and accountability in respect of the project to which this specification document pertains. Any such inaccuracies, inconsistencies and/or inadequacies must immediately be brought to the attention of the Agent and/or Client.

2. SCOPE OF HEALTH AND SAFETY SPECIFICATION DOCUMENT

The Health and Safety Specifications pertaining to the **appointment of a Service Provider for the supply and delivery of construction material to Tamboerskloof Military site located in the Western Cape Province.**

These specifications are contained in the index and intend to specify the normal and specific requirements of **DBSA – Development Bank of Southern Africa** pertaining to the health and safety matters (including the environment) applicable to the project in question. These Specifications should be read in conjunction with the OHS Act 85, 1993 and its Regulations with specific reference to the Construction Regulations 2014, Section 27(2) of the Disaster Management Act, 2002 Regulations and Consolidated Directions on Occupational Health and Safety Measures in Certain Work places . This will also include any Safety Standards which were or will be promulgated under the Act or incorporated into the Act and be in force or come into force during the effective duration of the project. The stipulations in this specification, as well as those contained in all other documentation pertaining to the project, including contract documentation and technical specifications shall not be interpreted, in any way whatsoever, to cancel or nullify any stipulation of the Act, Regulations and Safety Standards which are promulgated under, or incorporated into the Act.

3. PURPOSE

The purpose of this specification document is to provide the **TBA** (Service Provider) with any information other than the standard conditions pertaining to construction activities which might affect the health and safety of persons at work and of persons in connection with the use of plant and machinery. It further aims to protect persons other than its employees against any potential hazards to their health and safety arising out of or in connection with the activities of persons at work during the supply and delivery of construction materials for **DBSA – Development Bank of Southern Africa.**

- 3.1 To brief the Service Provider on the significant health and safety requirements and aspects of the project. This shall include the provision of the following information and requirements namely:

- a) safety considerations affecting the site of the project and its environment;
- b) health and safety aspects of the associated structures and equipment;
- c) required submissions on health and safety matters required from the Service Provider);
- d) and the Service Providers health and safety plans.

3.2 To serve to ensure that the Service Provider is fully aware of what is expected from them with regards to the Occupational Health and Safety Act, 85 of 1993, Construction Regulations 2014, Section 27(2) of the Disaster Management Act, 2002 Regulations and Consolidated Directions on Occupational Health and Safety Measures in Certain Workplaces and the Regulations made there-under including the applicable safety standards, and in particular in terms of Section 8 of the Act.

3.3 To inform the Service Provider that the Occupational Health and Safety Act, 85 of 1993 in its entirety shall apply to the contract to which this specification document applies. The Construction Regulations promulgated on 7 February 2014 and incorporated into the above Act by Government Notice R 84, published in Government Gazette 37305, Section 27(2) of the Disaster Management Act, 2002 Regulations and Consolidated Directions on Occupational Health and Safety Measures in Certain Workplaces shall specifically apply to all persons involved in the construction work pertaining to this project.

4. DEFINITIONS

“Purpose of the Act” –To provide for the health and safety of persons at work and the health and safety of persons in connection with the use of plant and machinery; the protection of persons other than persons at work against hazards to health and safety arising out of or in connection with the activities of persons at work; to establish an advisory council for occupational health and safety; and to provide for matters connected therewith.

"the Act" means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993);

“Agent” –means a competent person who acts as a representative for a client;

“Client” –means any person for whom construction work is performed;

"Construction manager" means a competent person responsible for the management of the physical construction processes and the coordination, administration and management of resources on a construction site;

"Construction site" means a work place where construction work is being performed;

"Construction supervisor" means a competent person responsible for supervising construction activities on a construction site;

"Construction work" means any work in connection with -

- (a) the construction, erection, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure; or
- (b) the construction, erection, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system; or the moving of earth, clearing of land, the making of excavation, piling, or any similar civil engineering structure or type of work;

"Contractor" –means an employer who performs construction work;

"Designer" means-

- (a) a competent person who-
 - (i) prepares a design;
 - (ii) checks and approves a design;
 - (iii) arranges for a person at work under his or her control to prepare a design, including an employee of that person where he or she is the employer; or
 - (iv) designs temporary work, including its components;
- (b) an architect or engineer contributing to, or having overall responsibility for a design;
- (c) a building services engineer designing details for fixed plant;
- (d) a surveyor specifying articles or drawing up specifications;
- (e) a contractor carrying out design work as part of a design and building project; or an interior designer, shop-fitter or landscape architect;

"Excavation work" means the making of any man-made cavity, trench, pit or depression formed by cutting, digging or scooping;

"Fall protection plan" means a documented plan, which includes and provides for—

- (a) all risks relating to working from a fall risk position, considering the nature of work undertaken;
- (b) the procedures and methods to be applied in order to eliminate the risk of falling; and
- (c) a rescue plan and procedures;

“Health and Safety File” –means a file, or other record containing the information in writing required by the Construction Regulations 2014;

“Health and Safety Plan” –means a site, activity or project specific documented plan in accordance with the client’s health and safety specification;

“Health and Safety Specification” –means a site, activity or project specific document prepared by the client pertaining to all health and safety requirements related to construction work;

“Method Statement” –means a document detailing the key activities to be performed in order to reduce as reasonably as practicable the hazards identified in any risk assessment;

"Service Provider" means an employer appointed by the client to perform construction work;

“Risk Assessment” –means a program 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.

"National Building Regulations" means the National Building Regulations made under the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977), and promulgated by Government Notice No. R. 2378 of 30 July 1990, as amended by Government Notices No's R. 432 of 8 March 1991, R. 919 of 30 July 1999 and R. 547 of 30 May 2008;

"Structure" means—

- 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 falsework, 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 construction work which includes installation, commissioning, decommissioning or dismantling and where any construction work involves a risk of a person falling;

5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

5.1 Organizational Structure of HSMS Responsibilities

All responsibilities fall under the legal requirement of legal appointment letters – each responsible person must have an appointment letter.

ROLE	RESPONSIBILITIES
Client Client Agent	The Client and/or its Agent shall ensure that the Service Provider / Principal Contractor, appointed in terms of Construction Regulation 5(1) (k), implements and maintains the agreed and approved Health and Safety Plan. Failure on the part of the Client or Agent to comply with this requirement will not relieve the Service Provider / Principal Contractor from any duties under the Act and Regulations.
CEO – Service Provider	The Chief Executive Officer of the Service Provider in terms of Section 16 (1) of the OHS Act to ensure that the Employer (as defined in the Act) complies with the Act. The pro forma Legal Compliance Audit may be used for this purpose by the Service Provider or his/her appointed contractor.
Person responsible for Health and Safety Section 16(2)	All OHS Act (85 /1993), Section 16 (2) appointee/s as detailed in their respective appointment forms shall regularly, in writing, report to management on health and safety matters or deviations identified during routine or ad hoc inspections/ audits. All reports shall be made available to the Service Provider to become part of their site records (Health & Safety File).
Construction Manager Or Assistant	The Construction Manager and Assistant Construction Supervisor/s appointed in terms of Construction Regulation 8 shall regularly, in writing, report to their managers on health and safety matters or deviations identified during inspections. All reports shall be made available to the Service Provider to become part of site records (Health & Safety File).
SHE Representatives	All Health and Safety Representatives (SHE-Reps) shall act and report as per Section 18 of the OHS Act. She Representatives shall inspect and monitor activities on a daily basis and report findings to the Client and Health and Safety manager immediately. These safety representatives have the right to stop any unsafe work or work due to unsafe conditions and report findings and reason immediately to TBA Management.
Other Legal Appointees	Further (Specific) Supervision Responsibilities for OH&S Several appointments or designations of responsible and /or competent people in specific areas of construction work are required by the OHS Act and Regulations. The following competent appointments, where applicable, in terms of the Construction Regulations 2014 are required to ensure compliance to the Act, Regulations and Safety Standards.

LEGAL APPOINTMENTS AS REQUIRED IN THE CONSTRUCTION REGULATIONS 2014			
Item	Construction Regulation	Appointment	Responsible Person
1	5(1)(k)	Service Provider / Principal Contractor for each phase or project	Client / Agent
2	7(1)(c)(v)	Contractor	Service Provider
3	7(2)(c)	Sub-Contractor	Contractor
4	8(1)	Construction Manager	Service Provider
5	8(5)(6)	Construction Safety Officer	Service Provider & Contractor
6	8(7)	Construction Supervisor	Construction Manager
7	9(1)	Person to carry out risk assessment	Service Provider & Contractor
8	10(1)(a)	Fall protection planner	Service Provider & Contractor
9	23(1)(d)(i)	Construction vehicle and mobile plant operator	Service Provider & Contractor
10	23(1)(k)	Construction vehicle and mobile plant inspector	Service Provider & Contractor
11	28 (a)	Stacking and storage supervisor	Service Provider & Contractor

This list may be used as a reference or tool to determine which components of the Act and Regulations would be applicable to a particular site, as was intended under paragraph 3 & 4 of the Chapter “Introduction” (page 4) above. This list shall not be assumed to be exclusive or comprehensive.

5.2 Communication & Liaison

- 5.2.1 Communication between the Employer, the Service Provider / Principal Contractor, the Sub-Contractor, and other concerned parties shall take place in the SHE Committee or Project meeting;
- 5.2.2 In addition to the above, communication may be directed to the Client or Client Agent, in writing, as and when the need arises;
- 5.2.3 The workforce may consult on Health and Safety matters with their Supervisor or She Representative;
- 5.2.4 The Service Provider / Principal Contractor shall be responsible for the dissemination of all relevant Health and Safety information to Contractors.

6. INTERPRETATION

- 6.1 The Occupational Health and Safety Act and all its Regulations, with the exception of the Construction Regulations 2014, distinguish between the roles, responsibilities and functions of employers and employees respectively. It views consultants and contractors as employees of the

“owner” of a construction or operational project, the “owner” being regarded as the employer.

Only if formally agreed to by way of the written agreement in this regard between the “owner(s)” and consultant and /or between the “owner(s)” and the contractor(s), will these assumptions be relinquished in favour of the position agreed upon between the relevant parties;

6.2 In terms of the Construction Regulations 2014 the “**owner**”, in terms of its instructions, operates (has to operate) in the role of client as per relevant definition;

6.3 **Contractors** are required to operate under the control (in terms of all health and safety measures which are covered in the Construction Regulations 2014) of the appointed Service Provider / Principal Contractor. Where, for the work the **TBA** will have to execute himself, practical health and safety measures are applicable, he will also be subject to the relevant requirements with which Contractors have to comply. The Service Provider / Principal Contractor will, however, not have to actually fulfill such requirements in respect of any of the work / functions of any Sub-Contractors on the site. However, he has to monitor / oversee such processes, ensuring that the requirements are complied with and that the required appointments / evaluations / inspections / assessments and tests are done and that the records are duly generated and kept as prescribed in the Construction Regulations 2014. This has to feature clearly in the Health and Safety Plan.

7. RESPONSIBILITIES

7.1 In terms of Construction regulation 5 a Client must-

- 1 (a) prepare a baseline risk assessment for an intended construction work project;
- (b) prepare a suitable, sufficiently documented and coherent site-specific health and safety specification for the intended construction work based on the baseline risk assessment contemplated in paragraph (a);
- (c) provide the designer with the health and safety specification contemplated in paragraph (b);
- (d) ensure that the designer takes the prepared health and safety specification into consideration during the design stage;
- (e) ensure that the designer carries out all responsibilities contemplated in regulation 6;
- (f) include the health and safety specification in the tender documents;
- (g) ensure that potential Service Providers / Principal Contractor submitting tenders have made adequate provision for the cost of health and safety measures;

- (h) ensure that the Service Provider / Principal Contractor to be appointed has the necessary competencies and resources to carry out the construction work safely;
- (i) take reasonable steps to ensure co-operation between all contractors appointed by the client to enable each of those contractors to comply with these Regulations;
- (j) ensure before any work commences on a site that every Service Provider / Principal Contractor is registered and in good standing with the compensation fund or with a licensed compensation insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act, 1993 (Act No. 130 of 1993);
- (k) appoint every Service Provider / Principal Contractor in writing for the project or part thereof on the construction site;
- (l) discuss and negotiate with the Service Provider / Principal Contractor the contents of the Service Provider / Principal Contractor health and safety plan contemplated in regulation 7(1), and must thereafter finally approve that plan for implementation;
- (m) ensure that a copy of the Service Provider / Principal Contractor health and safety plan is available on request to an employee, inspector or contractor;
- (n) take reasonable steps to ensure that each contractor's health and safety plan contemplated in regulation 7(1)(a) is implemented and maintained;
- (o) ensure that periodic health and safety audits and document verification are conducted at intervals mutually agreed upon between the Service Provider / Principal Contractor and any contractor, but at least once every 30 days;
- (p) ensure that a copy of the health and safety audit report contemplated in paragraph (o) is provided to the Service Provider / Principal Contractor within seven days after the audit;
- (q) stop any contractor from executing a construction activity which poses a threat to the health and safety of persons which is not in accordance with the client's health and safety specifications and the Service Provider's / Principal Contractor health and safety plan for the site;

- (r) where changes are brought about to the design or construction work, make sufficient health and safety information and appropriate resources available to the Service Provider / Principal Contractor to execute the work safely; and
- (s) ensure that the health and safety file contemplated in regulation 7(1)(b) is kept and maintained by the Service Provider / Principal Contractor.
- (2) Where a client requires additional work to be performed as a result of a design change or an error in construction due to the actions of the client, the client must ensure that sufficient safety information and appropriate additional resources are available to execute the required work safely.
- (3) Where a fatality or permanent disabling injury occurs on a construction site, the client must ensure that the contractor provides the provincial director with a report contemplated in section 24 of the Act, in accordance with regulations 8 and 9 of the General Administrative Regulations, 2013, and that the report includes the measures that the contractor intends to implement to ensure a safe construction site as far as is reasonably practicable.
- (4) Where more than one Service Provider / Principal Contractor is appointed as contemplated in sub-regulation (1) (k), the client must take reasonable steps to ensure co-operation between all principal contractors and contractors in order to ensure compliance with these Regulations.
- (5) Where a construction work permit is required as contemplated in regulation 3(1), the client must, without derogating from his or her health and safety responsibilities or liabilities, appoint a competent person in writing as an agent to act as his or her representative, and where such an appointment is made the duties that are imposed by these Regulations upon a client, apply as far as reasonably practicable to the agent so appointed.
- (6) Where notification of construction work is required as contemplated in regulation 4(1), the client may, without derogating from his or her health and safety responsibilities or liabilities, appoint a competent person in writing as an agent to act as his or her representative, and where such an appointment is made the duties that are imposed by these Regulations upon a client, apply as far as reasonably practicable to the agent so appointed: Provided that, where the question arises as to whether an agent is necessary, the decision of an inspector is decisive.

- (7) An agent contemplated in sub-regulations (5) and (6) must—
- (a) manage the health and safety on a construction project for the client; and
 - (b) be registered with a statutory body approved by the Chief Inspector as qualified to perform the required functions;
- (8) When the chief inspector has approved a statutory body as contemplated in sub regulation (7)(b), he or she must give notice of that approval in the Gazette.

7.2 Service Provider / Principal Contractor

- a) The Service Provider / Principal Contractor shall accept the appointment under the terms and Conditions of Contract. The Service Provider / Principal Contractor shall sign and agree to those terms and conditions and shall, before commencing work, notify the Department of Labour of the intended construction work in terms of Regulation 4 of the Construction Regulations 2014. The Service Provider / Principal Contractor shall submit the notification in writing prior to commencement of work and inform the Client or his Agent accordingly;
- b) The Service Provider / Principal Contractor shall ensure that he is fully conversant with the requirements of this Specification and all relevant health and safety legislation. This Specification is not intended to supersede the Act nor the Construction Regulations 2014 or any part of either. Those sections of the Act and the Construction Regulations 2014 which apply to the scope of work to be performed by the Service Provider / Principal Contractor in terms of this contract (entirely or in part) will continue to be legally required of the Service Provider / Principal Contractor to comply with. The Service Provider / Principal Contractor will in no manner or means be absolved from the responsibility to comply with all applicable sections of the Act, the Construction Regulations 2014 or any Regulations proclaimed under the Act or which may perceivable be applicable to this contract;
- c) (1) A Service Provider / Principal Contractor must further —
 - (a) provide and demonstrate to the client a suitable, sufficiently documented and coherent site specific health and safety plan, based on the client's documented health and safety specifications contemplated in regulation 5(1)(b), which plan must be applied from the date of commencement of and for the duration of the construction work and which must be reviewed and updated by the Service Provider / Principal Contractor as work progresses;

(b) open and keep on site a health and safety file, which must include all documentation required in terms of the Act and these Regulations, which must be made available on request to an inspector, the client, the client's agent or a contractor; and

(c) on appointing any other contractor, in order to ensure compliance with the provisions of the Act—

(i) provide contractors who are tendering to perform construction work for the Service Provider / Principal Contractor, with the relevant sections of the health and safety specifications contemplated in regulation 5(1)(b) pertaining to the construction work which has to be performed;

(ii) ensure that potential contractors submitting tenders have made sufficient provision for health and safety measures during the construction process;

(iii) ensure that no contractor is appointed to perform construction work unless the Service Provider / Principal Contractor is reasonably satisfied that the contractor that he or she intends to appoint, has the necessary competencies and resources to perform the construction work safely;

(iv) ensure prior to work commencing on the site that every contractor is registered and in good standing with the compensation fund or with a licensed compensation insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act, 1993;

(v) appoint each contractor in writing for the part of the project on the construction site;

(vi) take reasonable steps to ensure that each contractor's health and safety plan contemplated in subregulation (2)(a) is implemented and maintained on the construction site;

(vii) ensure that the periodic site audits and document verification are conducted at intervals mutually agreed upon between the Service Provider / Principal Contractor and any contractor, but at least once every 30 days;

(viii) stop any contractor from executing construction work which is not in accordance with the client's health and safety specifications and the Service Provider's / Principal Contractor health and safety plan for the site or which poses a threat to the health and safety of persons;

(ix) where changes are brought about to the design and construction, make available sufficient health and safety information and appropriate resources to the contractor to execute the work safely; and

(x) discuss and negotiate with the contractor the contents of the health and safety plan contemplated in subregulation (2)(a), and must thereafter finally approve that plan for implementation;

(d) ensure that a copy of his or her health and safety plan contemplated in paragraph (a), as well as the contractor's health and safety plan contemplated in subregulation (2)(a), is available on request to an employee, an inspector, a contractor, the client or the client's agent;

(e) hand over a consolidated health and safety file to the client upon completion of the construction work and must, in addition to the documentation referred to in subregulation (2)(b), include a record of all drawings, designs, materials used and other similar information concerning the completed structure;

(f) in addition to the documentation required in the health and safety file in terms of paragraph (c)(v) and subregulation (2)(b), include and make available a comprehensive and updated list of all the contractors on site accountable to the Service Provider / Principal Contractor, the agreements between the parties and the type of work being done; and

(g) ensure that all his or her employees have a valid medical certificate of fitness specific to the construction work to be performed and issued by an occupational health practitioner in the form of Annexure 3.

(2) A contractor must prior to performing any construction work—

(a) provide and demonstrate to the Service Provider / Principal Contractor a suitable and sufficiently documented health and safety plan, based on the relevant sections of the client's health and safety specification contemplated in regulation 5(1)(b) and provided by the Service Provider / Principal Contractor in terms of sub regulation (1)(a), which plan must be applied from the date of commencement of and for the duration of the construction work and which must be reviewed and updated by the contractor as work progresses;

(b) open and keep on site a health and safety file, which must include all documentation required in terms of the Act and these Regulations, and which must be made available on request to an inspector, the client, the client's agent or the Service Provider / Principal Contractor;

(c) before appointing another contractor to perform construction work be reasonably satisfied that the contractor that he or she intends to appoint has the necessary competencies and resources to perform the construction work safely;

(d) co-operate with the Service Provider / Principal Contractor as far as is necessary to enable each of them to comply with the provisions of the Act; and

(e) as far as is reasonably practicable, promptly provide the Service Provider / Principal Contractor with any information which might affect the health and safety of any person at work carrying out construction work on the site, any person who might be affected by the work of such a person at work, or which might justify a review of the health and safety plan.

(3) Where a contractor appoints another contractor to perform construction work, the duties determined in sub regulation (1)(b) to (g) that apply to the Service Provider / Principal Contractor apply to the contractor as if he or she were the Service Provider / Principal Contractor.

(4) A Service Provider / Principal Contractor must take reasonable steps to ensure co-operation between all contractors appointed by the Service Provider / Principal Contractor to enable each of those contractors to comply with these Regulations.

(5) No contractor may allow or permit any employee or person to enter any site, unless that employee or person has undergone health and safety induction training pertaining to the hazards prevalent on the site at the time of entry.

(6) A contractor must ensure that all visitors to a construction site undergo health and safety induction pertaining to the hazards prevalent on the site and must ensure that such visitors have the necessary personal protective equipment.

(7) A contractor must at all times keep on his or her construction site records of the health and safety induction training contemplated in sub regulation (6) and such records must be made available on request to an inspector, the client, the client's agent or the Service Provider / Principal Contractor.

(8) A contractor must ensure that all his or her employees have a valid medical certificate of fitness specific to the construction work to be performed and issued by an occupational health practitioner in the form of Annexure 3.

8. SITE SPECIFIC WORKS INFORMATION

These specifications are applicable to the specific scope of work pertaining to the appointment of a Service Provider for the supply and delivery of construction material to Tamboerskloof Military site located in the Western Cape Province as detailed in the tender documents.

DESCRIPTION OF THE SCOPE OF WORK

8.1 Employer's objectives

The Employer's objectives are to procure construction materials and deliver to site only at Tamboerskloof Military Site in the Western Cape Province.

8.2 Overview of the works

The Department of Defence (DoD) has an objective to provide sustainable Defence infrastructure that meets their demands.

8.3 Extent of the works

The scope of work required for the Service Provider is as detailed below (Refer to the BOQ for detailed specifications of work to be done):

High Level Activities to be undertaken by the Service Provider

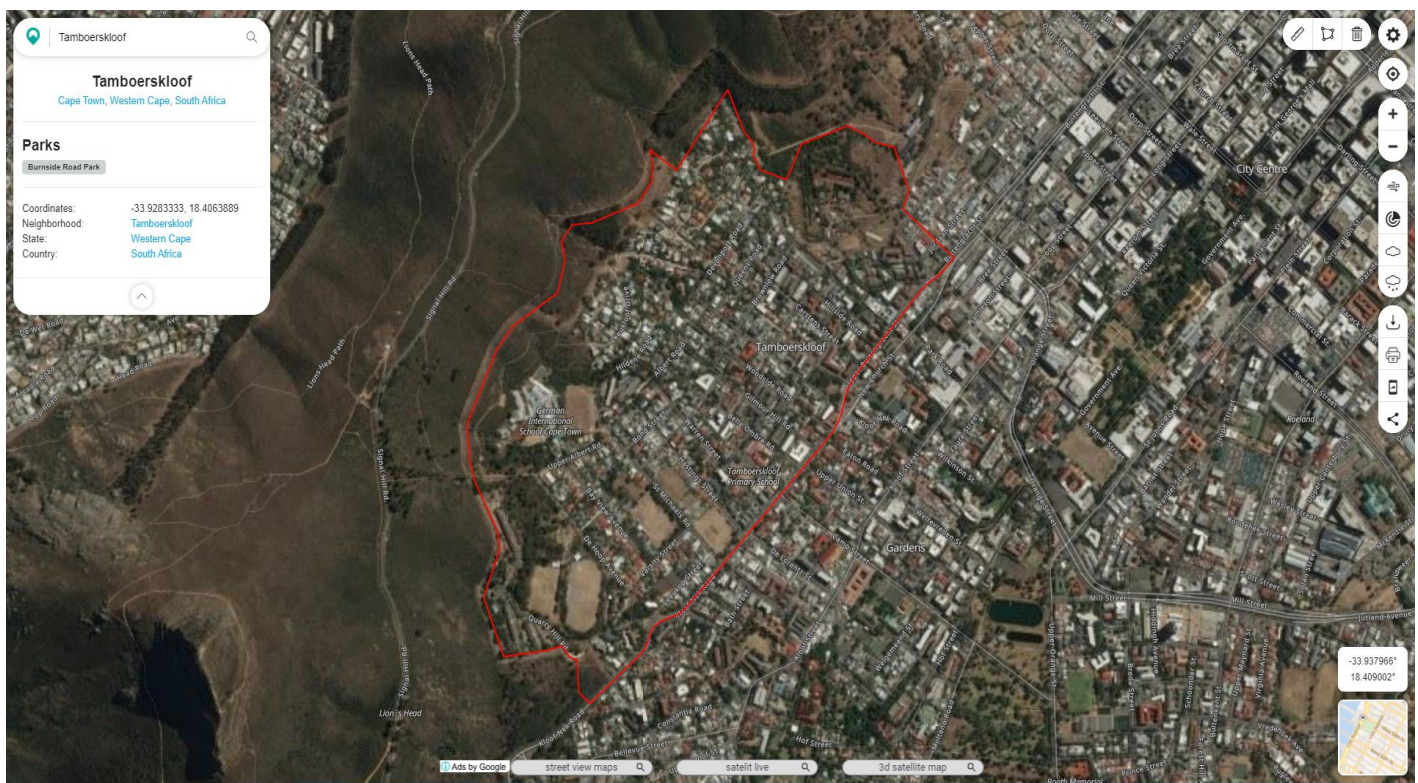
- Supply and Deliver Construction Material as per the BOQ
- Oversee the delivery and offloading of material on site.
- Conduct Delivery Risk Assessment.
- Quality Control and Management
- Overall Project Management, Coordination & Reporting.
- Compilation & Submission of Delivery Plan/s.
- Based on the above and any required activity, take liability for the delivery of materials
- Close programme

8.4 Temporary Works and Traffic Accommodation

As the deliveries will be within a built-up urban area, the Supplier will be required to carry out all necessary safety protocols to maintain the flow of traffic and to ensure that pedestrian and vehicular access is maintained to local residential buildings and businesses.

8.5 Location of the works

The deliveries will be done at Tamboerskloof Military Base, Cape Town in the Western Cape Province.



8.6 Occupational Health and Safety

The Service Provider needs to comply with the following legal requirements:

- Occupational Health and Safety Act, 1993 – Construction Regulations, 2014;
- Section 27(2) of the Disaster Management Act, 2002 Regulations
- Consolidated Directions on Occupational Health and Safety in Certain Workplaces
- DBSA Occupational Health and Safety specification and amendments for COVID-19;
- DBSA Baseline Risk Assessment and amendments for COVID-19;
- DBSA Safety, Health, Environment and Quality Policy.

8.7 Other

As a result of the inherent nature of the Health and Safety Baseline Specifications document, specific relevant information on the project must be provided and it may be necessary to draft the required information under this paragraph on a separate attached document.

If at any time after commencement of the project changes are brought about to the design or construction, sufficient health and safety information and appropriate resources are to be made available to the Service Provider to execute the work safely. **TBA** – shall for the duration of the project make available a Health and Safety Professional to ensure the supply and delivery of construction material is done safely.

According to Construction Regulation 7(1) (c) (ii) all potential contractors submitting tenders must make provision for the cost of health and safety measures during the construction process. When submitting a tender the Service Provider shall therefore, make provision for the cost of health and safety measures in terms of their documented Health and Safety Plan and DBSA – Development Bank of Southern Africa Health and Safety Specifications. The cost shall be clearly specified and quantified within the tender document under a section for health and safety.

The Health and Safety Plan is therefore to be included with the Tender documents when Tenders are invited for the Project.

9. HEALTH AND SAFETY FILE

The Service Provider must make a Health & Safety File available that must include all documentation required in terms of the Act and Regulations and must also include a list of all Contractors on site that are accountable to the Service Provider and the agreements between the parties and details of work being done.

IMPORTANT:

The Health and Safety File will remain the property of the Client and/or its Agent on its behalf throughout the period of the project and shall be consolidated and handed over to the Client and/or its Agent on its behalf at the time of completion of the project.

10. OH&S GOALS AND OBJECTIVES AND ARRANGEMENTS FOR MONITORING AND REVIEWING OH&S PERFORMANCE

The Service Provider is required to maintain an acceptable disabling incident frequency rate (DIFR) and report monthly on their performance to the Client or its Agent.

11. IDENTIFICATION OF HAZARDS AND DEVELOPMENT OF RISK ASSESSMENTS, STANDARD WORKING PROCEDURES (SWP) AND METHOD STATEMENTS

The Service Provider is required to perform risk assessments, compile Standard Working Procedures (SWP) and Method Statements for each activity executed in the contract or project (see 13. below "Project/Site Specific Requirements").

The identification of hazards is over and above the hazards identification program and those hazards identified during the drafting of the Health and Safety Plan.

12. ARRANGEMENTS FOR MONITORING AND REVIEW

12.1 Periodical Audit by the Service Provider.

The Client and/or its Agent on its behalf will be conducting Periodic Audits at times agreed with the Service Provider to comply with Construction Regulation 7(1) (c) (vii) to ensure that the Service Provider has implemented, is adhering to and is maintaining the agreed and approved OH&S Plan (audits must be done at least once every 30 days).

12.2 Other audits and inspections by client or agent.

The Client or its Agent reserves the right to conduct any ad hoc audits and inspections as it deems necessary.

A representative of the Service Provider and the relevant Health and Safety Professional must accompany the Client and/or its Agent on all Audits and Inspections and may conduct their own audit/inspection simultaneously. Each party will, however, take responsibility for the results of his/her own audit/inspection results.

12.3 Incident Investigation and Reporting

12.3.1 The Service Provider shall report all incidents where an employee is injured on duty to the extent that he/she:

- Dies;

- becomes unconscious;
- loses a limb or part of a limb;
- is injured or becomes ill to such a degree that he/she is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or continue with the activity for which he/she was usually employed.

or where:

- a major incident occurred;
- the health or safety of any person was endangered (this could be a near miss);
- where a dangerous substance was spilled;
- the uncontrolled release of any substance under pressure took place;
- machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects;
- machinery ran out of control.

To the Provincial Director of the Department of Labour within seven days and at the same time to the Client or its Agent.

Refer in this regard to Section 24 of the Act, Construction Regulation 5(3) & General Administrative Regulation 8.

- 12.3.2 The Service Provider is required to provide the Client and/or its Agent on its behalf with copies of all statutory reports required in terms of the Act and the Regulations;
- 12.3.3 The Service Provider is required to provide the Client and/or its Agent on its behalf with a monthly "SHE Risk Management Report";
- 12.3.4 The Service Provider is required to provide a.s.a.p. the Client and/or its Agent on its behalf with copies of all internal and external accident/incident investigation reports including the reports contemplated in clause 12.7, 12.8.2, 15, 16, 17, 21 and 22 below. As soon as the occurrence of any accident/incident of whatever nature comes to the notice of the Service Provider, it shall be reported immediately to any of the following:
- Project Manager / Client / Agent; and
 - Health and Safety Manager / Consultant.

12.4 Review

- The Service Provider is to review the Hazard Identification, Risk Assessments and Standard Work Processes for each activity. Each time changes are made to the designs, plans and construction methods and processes. These items must be reviewed;
- The Service Provider must provide the Client and/or its Agent on its behalf, other Contractors and all other concerned parties with copies of any changes, alterations or amendments as contemplated in the above paragraph.

12.5 Site Rules and other Restrictions

12.5.1 Site OH&S Rules

The Service Provider must develop a set of site-specific Health and Safety Rules that will be applied to regulate the Health and Safety Plan and associated aspects of the project.

When required for a site by law, visitors and non-employees upon entering the site shall be issued with the proper Personal Protective Equipment (PPE) as and when necessary.

12.5.2 Security Arrangements

- The Service Provider must establish site access rules and implement and maintain these throughout the supply and delivery of construction materials. Access control must include the rule that non-employees shall at all times be provided with fulltime supervision while on site;
- The Service Provider must develop a set of Security rules and procedures for their allocated site and maintain these throughout the construction period. These security rules must be submitted to the Client for approval. Additional security measures or rules may be specified for risk minimisation purposes;

12.6 Training

The contents and syllabi of all training required by the Act and Regulations including any other related or relevant training as required must be included in the Service Provider Health and Safety Plan and Health and Safety File.

12.6.1 General Induction Training

All employees of the Service Provider and other Contractors must be in possession of proof of General Induction training.

12.6.2 Site Specific Induction Training

All employees of the Service Provider and other Contractors must be in possession of Site Specific Occupational Health and Safety Induction or other qualifying training.

12.6.3 Other Training

- All operators, drivers and users of construction vehicles, mobile plant and other equipment must be in possession of valid licenses and proof of training;
- All employees performing jobs requiring specific training in terms of the OHS Act 85, 1993 and Regulations must submit proof of such training;
- Occupational Health and Safety Training Requirements: (as required by the Construction Regulations 2014 and as indicated by the Health and Safety Specification Document & the Risk Assessment/s and recommendations by the Health and Safety Committee):
 - General Induction (Section 8 of the Act & CR 7(5));
 - Site/Job Specific Induction (also visitors) (Sections 8 & 9 of the Act & CR 7(5)&(6));
 - Site/Project Manager;
 - Construction Supervisor;
 - OH&S Representatives (Section 18 (3) of the Act);
 - Training of the Appointees indicated in 12.6.1 & 12.6.2 above;
 - Operation of Cranes (Driven Machinery Regulations 18 (11);
 - Operators & Drivers of Construction Vehicles & Mobile Plant (Construction Regulation 23);
 - Basic Fire Prevention & Protection (Environmental Regulations 9 and Construction Regulation 29);
 - As a minimum basic First Aid to be upgraded when necessary (General Safety Regulations 3);
 - Storekeeping Methods & Safe Stacking (Construction Regulation 28);
 - Emergency, Security and Fire Coordinator.

12.7 Incident Investigation

The Service Provider is responsible to oversee the investigation of all incidents. This will include first aid, medical treatment by a doctor and hospital or clinic cases. (General Administrative Regulation 9).

All incidents must be recorded in the Accident/Incident Register. (General Administrative Regulation 9).

The Service Provider is responsible for the investigation of all incidents as described in Section 24 (1) (b) & (c) of the Act and keeping a record of the results of such investigations including the corrective action to prevent similar incidents in future.

The Service Provider is responsible for the investigation of all road traffic accidents relating to the construction site and keeping a record of the results of such investigations including the steps taken to prevent similar accidents in future.

Notwithstanding the requirements of Section 24 of the Act, All incidents shall be investigated and reported on in writing, irrespective of whether such incident gave rise to injury or damage.

12.8 SHE Representatives and SHE Committees

12.8.1 Designation of SHE Representatives

- Where the Service Provider employs more than 20 persons (including the employees of the Contractors) he has to appoint a minimum of one SHE Representatives, then he must appoint one for every 50 employees or part thereof. (*OHS Act 85, 1993 - Section 17 and GAR 6; 7.*);
- These SHE Representatives shall be designated in writing.

13. PROJECT/SITE SPECIFIC REQUIREMENTS

The following is a list of specific activities and considerations that have been identified for the project and site and for which Risk Assessments, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by **TBA** to ensure legal compliance to legislation:

Description of the site and scope of works (CR5 (1) (b);

Task Activities undertaken in the execution of the above mentioned work packages, and must be addressed in the safety plan of the Service Provider.

- Adjacent properties and surrounding building exposures;
- Boundaries and Access control/Public Liability Exposures;
- Exposure to Noise;
- Exposure to Vibration;
- Protection against dehydration and heat exhaustion;

- Protection from the elements.

Use and Storage of Flammable Liquids and other Hazardous Substances – (the client and/or its agent appointed on its behalf to be informed of this prior to commencing of the project).

Protection from Overhead Power Lines.

As discovered by the Service Provider hazard identification exercise.

As discovered from any inspections and audits conducted by the Client and/or its Agent on its behalf or by the Service Provider or any other Contractor on site.

13.1 The following are in particular requirements depending on scope of works and will form a basis for compliance audits.

1. Administrative and Legal Requirements;
2. Education, Training & Promotion;
3. Public Safety and Emergency Preparedness;
4. Personal Protective Equipment;
5. Housekeeping;
6. Scaffolding, Formwork & Support work;
7. Ladders;
8. Electrical Safeguarding;
9. Emergency Procedures /Fire Prevention and Protection;
10. Tools;
11. Cranes and other driven machinery;
12. Transport and Materials Handling;
13. Site Plant and Machinery;
14. Stacking and Storage Site/ Yards/ Site Workshops Specifics;
15. Health and Hygiene; and
16. Facilities.

14. OUTLINED DATA, REFERENCES AND INFORMATION ON CERTAIN AND/OR SPECIFIC OBLIGATORY REQUIREMENTS TO ENSURE COMPLIANCE

Administrative & Legal Requirements

OHS Act Section/ Regulation	Subject	Requirements
Construction Regulations 3 & 4	Application for construction work permit Notice of carrying out Construction work	Department of Labour must be notified by the client and by the contractor. Copy of Notice available on Site. Work permit to be displayed at the entrance if required.
General Admin Regulations 4	Copy of OH&S Act (Act 85 of 1993)	Updated copy of Act & Regulations available on site. Readily available for perusal by employees.
COID Act Section 80	Registration with Compensation Insurer	Written proof of registration/Letter of good standing available on Site
Construction Regulations 5(1)	SHE Specification and Program	SHE Spec received from Client and/or its Agent SHE Program developed and updated.
Section 8(2)(d) of the OHS Act and Regulations 5(1) & 7 of the Construction.	Hazard Identification & Risk Assessment	Identifications of hazards/Recorded Risk Assessment and – Plan drawn up/Updated Risk Assessment Plan available on Site Employees/Contractors informed/trained
Section 16(2)	Assigned duties (Managers)	Responsibility of complying with the OH&S Act assigned to other person/s by CEO.
Construction Regulations 8(1)	Designation of Person Responsible on Site	Competent person appointed in writing as Construction Manager with job description
Section 17 & 18 General Administrative Regulations 6 & 7	Designation of SHE Representatives	More than 20 employees - one H&S Representative, one additional H&S Rep. for each 50 employees or part thereof. Designation in writing, period and area of responsibility specified in terms of GAR 6 & 7 Meaningful H&S Rep. reports. Reports actioned by Management.
Section 37(1) & (2)	Agreement with Mandatories/ Contractors	Written agreement with Contractors List of Contractors displayed. Proof of Registration with Compensation Insurer/Letter of Good Standing (COID) Construction Manager designated Written arrangements regarding SHE Reps and Committee (OHSA Section 17,18) Written arrangements for First Aid (COID)
Section 24 & General Admin Regulations 8, Construction Regulation 5(3) & COID Act Sect.38, 39 & 41	Reporting of Incidents (Dept. of Labour)	Incident Reporting Procedure displayed. All incidents in terms of Sect. 24 reported to the Provincial Director, Department of Labour, within 3 days. (Annexure 1?)(WCL 1 or 2) and to the Client and/or its Agent on its behalf Cases of Occupational Disease Reported Copies of Reports available on Site Record of First Aid injuries kept
General Admin Regulations 9	Investigation and Recording of Incidents	All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing. Copies of Reports (Annexure 1) available on Site Tabled at H&S Committee meeting Action taken by Site Management.






Construction Regulations 10	Fall Prevention & Protection	Competent person appointed to draw up and supervise the Fall Protection Plan Proof of appointees competence available on Site Risk Assessment carried out for work at heights Fall Protection Plan drawn up/updated and available on Site
Construction Regulations 22/ Driven Machinery Regulations 18 & 19	Cranes & Lifting Machines Equipment	Competent person appointed in writing to inspect Cranes, Lifting Machines & Equipment Written Proof of Competence of above appointee available on Site. Cranes & Lifting tackle identified/numbered Register kept for Lifting Tackle Log Book kept for each individual Crane Inspection: - All cranes - daily by operator - Tower Crane/s - after erection/6monthly - Other cranes - annually by comp. person - Lifting tackle(slings/ropes/chain slings etc.) - daily or before every new application
Construction Regulations 25	Use of temporary storage of flammable liquids on construction site	Flammable liquids must be stored in a way that it does not cause a fire or explosion hazard, and that the workplace is well ventilated. Suitable notices to be posted.
Construction Regulations 26	Water environments	If construction is performed over on in close proximity of water, then provision must be made to prevent persons from falling into water and have a rescue plan in case of such incident happening to prevent drowning.
Construction Regulations 27	Housekeeping	Suitable housekeeping measures must be implemented to reduce the risk of injuries and damage to the structures, machinery, etc. Debris must be removed with a chute from a high place. Construction area must be fenced off.
Construction Regulations 28/ General Safety Regulations 8(1)(a)	Designation of Stacking & Storage Supervisor.	Competent Person/s with specific knowledge and experience designated to supervise all Stacking & Storage Written Proof of Competence of above appointee available on Site
Construction Regulations 29/ Environmental Regulation 9	Designation of a Person to Co-ordinate Emergency Planning and Fire Protection	Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures Emergency Evacuation Plan developed: - Drilled/Practiced - Plan & Records of Drills/Practices available on Site Fire Risk Assessment carried out All Fire Extinguishing Equipment identified and on <i>register</i> . Inspected weekly. And inspection register kept. Serviced annually
Construction Regulations 30	Employees Facilities	The contractor must provide and maintain in hygienic condition facilities for employees that include: <ul style="list-style-type: none"> • Showers (1 for every 15 employees) • Sanitary facilities for each sex (1 for every 30 employees) • Changing facilities for each sex • Sheltered eating areas
General Safety Regulations 3	First Aid	Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed) First Aid freely available Equipment as per the list in the OH&S Act. One qualified First Aider appointed for every 50 employees.

		(Required where more than 10 persons are employed) List of First Aid Officials and Certificates Name of person/s in charge of First Aid box/es displayed. Location of First Aid box/es clearly indicated. Signs instructing employees to report all Injuries/illness including first aid injuries
General Safety Regulations 2	Personal Safety Equipment (PPE)	PPE Risk Assessment carried out Items of PPE prescribed/use enforced Records of Issue kept Undertaking by Employee to use/wear PPE. PPE remains property of Employer, and is not to be removed from the premises GSR 2(4)
Hazardous Chemical Substances (HCS) Regulations Construction Regulations 25	Control of Storage & Usage of HCS and Flammables	Competent Person/s with specific knowledge and experience designated to Control the Storage & Usage of HCS (including Flammables) Written Proof of Competence of above appointee available on Site Risk Assessment carried out Register of HCS kept/used on Site Separate, purpose made storage available for full and empty containers
Construction Regulations 23	Construction Vehicles and Earth Moving Equipment	Operators/Drivers appointed to: - Carry out a daily inspection prior to use - Drive the vehicle/plant that he/she is competent to operate/drive Written Proof of Competence of above appointee available on Site. Record of Daily inspections kept
General Safety Regulations 13A	Inspection of Ladders	Competent person appointed in writing to inspect Ladders Ladders inspected at arrival on site and weekly thereafter. Inspections register kept. Application of the types of ladders (wooden, aluminum etc.) regulated by training and inspections and noted in register
General Safety Regulations 13B	Ramps	Competent person appointed in writing to Supervise the erection & inspection of Ramps. Inspection register kept. Daily inspected and noted in register

Education & Training

Subject	Requirement
Company OH&S Policy Section 7(1)	Policy signed by CEO and published/Circulated to Employees Policy displayed on Employee Notice Boards Management and employees committed.
Company/Site SHE Rules (Section 13(a))	Rules published Rules displayed on Employee Notice Boards Rules issued and employees effectively informed or trained: written proof Follow-up to ensure employees understand/adhere to the policy and rules.
Induction & Task Safety Training (Section 13(a))	All new employees receive SHE Induction Training. Training includes Task Safety Instructions. Employees acknowledge receipt of training. Follow-up to ensure employees understand/adhere to instructions.
General SHE Training (Section 13(a))	All current employees receive specified SHE training: written proof Operators of Plant and Equipment receive specified training Follow-up to ensure employees understand/adhere to instructions.

Personal Protective Equipment

Subject	Requirement
PPE needs analysis	Need for PPE identified and prescribed in writing. PPE remain property of Employer, not to be removed from premises GSR 2(4)
Head Protection 	All persons on site wearing Hardhats including Contractors and Visitors (where prescribed)
Foot Protection 	All employees on site wearing Safety Footwear including Gumboots for concrete / wet work and non-slip shoes for roof work. Visitors to wear same upon request or where prescribed
Eye and Face Protection 	<u>Eye and Face (also Hand and Body) Protection</u> (Goggles, Face Shields, Welding Helmets etc.) used when operating the following:
Hand Protection 	<u>Protective Gloves</u> worn by employees handling / using / offloading construction materials: <ul style="list-style-type: none"> • Cement / Bricks / Steel / Chemicals •
Fall Prevention Equipment 	Suitable <u>Safety harnesses</u> / Fall Arrest Equipment correctly used by persons working on / in unguarded, elevated positions e.g.: <ul style="list-style-type: none"> • Edge work • Offloading of trucks •
PPE Issue & Control	Identified Equipment issued free of charge. All PPE maintained in good condition. (Regular checks). Workers instructed in the proper use & maintenance of PPE. Commitment obtained from wearer accepting conditions and to wear the PPE. Record of PPE issued kept on H&S File. PPE remain property of Employer, not to be removed from premises GSR 2(4)

Housekeeping

Subject	Requirement
Stacking & Storage	<u>Stacking:</u> <ul style="list-style-type: none"> * Stable, on firm level surface/base. * Prevent leaning/collapsing * Irregular shapes bonded * Not exceeding 3x the base * Stacks accessible * Removal from top only. <u>Storage:</u>

(See Section 1 for Designation & Register)	<ul style="list-style-type: none"> * Adequate storage areas provided. * Functional – e.g. demarcated storage areas/racks/bins etc. * Special areas identified and demarcated e.g. flammable gas, cement etc. * Neat, safe, stable and square. * Store/storage areas clear of superfluous material. * Storage behind sheds etc. neat/under control. * Storage areas free from weeds, litter etc.
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Working at Heights



Subject	Requirement
Openings	Unprotected openings adequately guarded/fenced/barricaded/catch nets installed
Edges & Openings	<ul style="list-style-type: none"> • Edges barricaded to acceptable standards. • Manhole openings covered / barricaded. • Openings in floor / other openings covered, barricaded/fenced. • Stairs provided with handrails. • Lift shafts barricaded / fenced off.

Ladders

Subject	Requirement
Physical Condition / Use & Storage	<ul style="list-style-type: none"> • Stepladders - hinges/stays/braces/stiles in order. • Extension ladders - ropes/rungs/stiles/safety latch/hook in order. • Extension / Straight ladders secured or tied at the bottom / top. • No joined ladders used • Wooden ladders are never painted except with varnish • Aluminum ladders NOT to be used with electrical work • All ladders stored on hooks / racks and not on ground. • Ladders protrude 900 mm above landings / platforms / roof. • Fixed ladders higher than 5 m have cages/Fall arrest system

Emergency and Fire Prevention and Protection

Subject	Requirement
Fire Extinguishing Equipment 	Fire Risks Identified and on record <u>The correct and adequate Fire Extinguishing Equipment available for:</u> <ul style="list-style-type: none"> • Offices • General Stores • Flammable Store • Fuel Storage Tank/s and catchment well • Gas Welding / Cutting operations • Where flammable substances are being used / applied. • * Equipment Easily Accessible
Maintenance	Fire equipment checked minimum monthly, serviced yearly
Location & Signs	<u>Fire Extinguishing Equipment:</u> <ul style="list-style-type: none"> • Clearly visible • Unobstructed

	<ul style="list-style-type: none"> Signs posted including "No Smoking" / "No Naked Lights" where required. (Flammable store, Gas store, Fuel tanks etc.)
<p>Storage Issue & Control of Flammables (incl. Gas cylinders)</p> 	<p>Storage Area provided for flammables with suitable doors, ventilation, bund etc.</p> <ul style="list-style-type: none"> Flammable store neat / tidy and no Class A combustibles. Decanting of flammable substances carried out in ignition free and adequately ventilated area. Container bonding principles applied Only sufficient quantities issued for one task or one day's usage Separate, special gas cylinder store/storage area. Gas Cylinders stored / used / transported upright and secured in trolley/cradle/structure and ventilated. Types of Gas Cylinders clearly identified as well as the storage area and stored separately. Full cylinders stored separately from empty cylinders. All valves, gauges, connections, threads of all vessels to be checked regularly for leaks. Leaking acetylene vessels to be returned to the supplier IMMEDIATELY.
<p>Storage, Issue & Control of Hazardous Chemical Substances (HCS)</p> 	<ul style="list-style-type: none"> HCS storage principles applied: products segregated Only approved, non-expired HCS to be used Only the prescribed PPE shall be used as the minimum protection Provision made for leakage/spillage containment and ventilation Emergency showers/eye wash facilities provided HCS under lock & key controlled by designated person Decanted/issued in containers as prescribed with information/warning labels Disposal of unwanted HCS by accredited disposal agent No dumping or disposal of any HCS on or inside the storage area or anywhere else on the project site All vessels or containers to be regularly checked for leaks

Tools

Subject	Requirement
Hand Tools	<p><u>Shovels / Spades / Picks:</u></p> <ul style="list-style-type: none"> Handles free from cracks and splinters Handles fit securely Working end sharp and true <p><u>Hammers:</u></p> <ul style="list-style-type: none"> Good quality handles, no pipe or reinforcing steel handles. Handles free from cracks and splinters Handles fit securely <p><u>Chisels:</u></p> <ul style="list-style-type: none"> No mushroomed heads / heads chamfered Not hardened Cutting edge sharp and square <p><u>Saws:</u></p> <ul style="list-style-type: none"> Teeth sharp and set correctly * Correct saw used for the job

Cranes

Subject	Requirement
Mobile Crane	<ul style="list-style-type: none"> • Only operated by trained authorized operator with valid certificate of training • Rear view mirrors • Windscreen visibility good • Windscreen wipers operating effectively • Indicators operational • Hooter working • Tyres safe/sufficient tread/pressure visibly sufficient • No missing Wheel nuts • Headlights, taillights operational • Reverse alarm working and audible and known by all employees
Mobile Crane continued	<ul style="list-style-type: none"> • Grease nipples and grease on all joints • No Oil leaks • Hydraulic pipes visibly sound/no leaks • No corrosion on Battery terminals • Boom visibly in good condition/no apparent damage • Cable/sheaves greased/no visible damage/split wires/corrosion and checked daily • Brakes working properly • Crane hook: Throat pop marked/safety latch fitted/functional • SWL/MML displayed • By-pass valves operational • Deflection chart displayed/visible to operator/driver • Outriggers functional used
Gantry Crane	<ul style="list-style-type: none"> • Only operated by trained authorized persons • Correct slinging techniques used • Recognized/displayed on chart signals used • Log book kept/up to date • Prescribed inspections conducted on crane & lifting tackle and checked daily • "Crane overhead" signage, where applicable • Crane hook: Throat pop marked/safety latch fitted/functional • SWL/MML displayed/load limiting switches fitted/operational

Transport & Materials Handling Equipment

Subject	Requirement
Site Vehicles	<ul style="list-style-type: none"> • All Site Vehicles, Dumpers, Bobcats, Loaders etc.; checked daily before use by driver / operator. • Inventory of vehicles used/operated on site • Inspection by means of a checklist / results recorded. • No persons riding on equipment not designed or designated for passengers. • Site speed limit posted, enforced and not exceeded. • Drivers / Operators trained / licensed and carrying proof. • No unauthorized persons allowed to drive / operate equipment.
Conveyors	<p>Conveyor belt nip points and drive gear guarded. Emergency stop/lever/brake fitted, clearly marked & accessible and tested to be functional under full load.</p>

Plant & Storage Yards/Site Workshops Specifics

Subject	Requirements
Section 8(2)(1) General Machinery Regulation 2(1): Supervision of the Use & Maintenance of Machinery	<ul style="list-style-type: none"> Person/s with specific knowledge and experience designated in writing to supervise the Use & Maintenance of Machinery. Critical items of Machinery identified/numbered/placed on register/inventory. Inspection/maintenance schedules for abovementioned. Inspections/maintenance carried out to above schedules. Results recorded.
General Machinery Regulation 9(2): Notices re. Operation of Machinery	<ul style="list-style-type: none"> Schedule D Notice posted in Work areas.
Ergonomics	<ul style="list-style-type: none"> Ergonomics survey conducted – results on record. Survey results applied.
Ancillary Lifting Equipment	<ul style="list-style-type: none"> Chain Blocks/Tirfors/jacks/mobile gantries etc. identified/numbered on register Chains in good condition/links no excessive wear/checked daily Lifting hooks – throat pop marked/safety latch fitted SWL/MML marked/displayed

Workplace Environment, Health and Hygiene

Subject	Requirement
Lighting	Adequate lighting in places where work is being executed e.g. stairwells and basements. Light fittings placed / installed causing no irritating/blinding glare. Stroboscopic effect eliminated (not only reduced) where moving objects or machinery is used
Ventilation	Adequate ventilation / extraction / exhausting in hazardous areas e.g. chemicals / adhesives / welding / petrol or diesel/ motors running and in confined spaces / basements.
Noise	Tasks identified where noise levels exceeds 85 dB at any one time. All reasonable steps taken to reduce noise levels at the source. Hearing protection used where noise levels could not be reduced to below 85 dB.
Heat Stress	Measures in place to prevent heat exhaustion in heat stress problem areas e.g. steel decks, when the WBGT index reaches 30. (See Environmental Regulation 4) Cold drinking water readily available at all times.
Ablutions	Sufficient hygiene facilities provided - 1 toilet per 30 employees (National Building Regulations prescribe chemical toilets for Construction sites) <ul style="list-style-type: none"> Toilet paper available. Sufficient showers provided. Facilities for washing hands provided. Soap/cleaning agent available for washing hands. Means of drying hands available. Lock-up changing facilities / area provided. Ablution facilities kept hygienic and clean.
Eating / Cooking Facilities	Adequate storage facilities provided. Weather protected eating area provided, separate from changing area. Refuse bins with lids provided. Facilities kept clean and hygienic.
Pollution of Environment	Measures in place to minimize dust generation. Accumulation or littering of empty cement pockets, plastic wrapping / bags, packing materials etc. prevented. Spillage / discarding of oil, chemicals and dieseline into storm

	water and other drains or into existing or newly dug holes/cavities on site expressly prohibited.
Hazardous Chemical Substances	All substances identified and list available e.g. acids, flammables, poisons etc. Material Safety Data Sheets (MSDS) indicating hazardous properties and emergency procedures in case of incident on file and readily available. Substances stored safely. Expiry dates meticulously checked where applicable.

15. THE SERVICE PROVIDER GENERAL DUTIES

The Service Provider shall at all times ensure his status of an “employer” as referred to in the Act, and will abide by his/her responsibilities, duties and functions as per the requirements of the Act and Regulations with specific reference to Section 8 of the Act.

The Service Provider shall keep, and on demand make available, a copy of the Act on site at all times and in addition to that he/she will introduce and maintain a file titled “Health and Safety File”, or other record in permanent form, which shall contain all relevant aspects and information as contemplated in the Construction Regulations. He/she will make this file available to the client or his representative whenever necessary or on request to an interested party.

16. THE SERVICE PROVIDER SPECIFIC RESPONSIBILITIES WITH REGARDS TO HAZARDOUS ACTIVITIES

The following activities are identifiable as hazardous in terms of the Construction Regulations 2014.

The contractor shall execute the activities in accordance with the following Construction Regulations 2014 and other applicable regulations of the Act:

Regulation No. 10 - Fall protection

Regulation No. 16 - Scaffolding

Regulation No. 22 - Cranes

Regulation No. 23 - Construction vehicles and mobile plant.

Regulation No. 26 - Water environments

Regulation No. 27 - Housekeeping on construction sites

Regulation No. 29 - Fire precautions on construction sites.

All of the above requirements will be read in conjunction with the relevant regulations and health and safety standards as required by the Act. All documents and records required by the Construction Regulations 2014 will be kept in the Health and Safety File and will be made available at any time when required by the client or his representative, or on request to an interested party.

17. GENERAL NOTES TO THE SERVICE PROVIDER

Legal Framework and obligations

The more important Acts and relevant subordinate/secondary legislation as well as other (inter alia Local Government) legislation that also apply to the project as well as to project owned buildings and premises: -

- (i) The latest issue of SABS 0142: "Code of Practice for the Wiring of Premises";
- (ii) The Local Government Ordinance 1939 (Ordinance 17 of 1939) as amended and the municipal by-laws and any special requirements of the local supply authority;
- (iii) The Fire Brigade Services Act 1987, Act 99 of 1987 as amended;
- (iv) National Building Regulations made under the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977), and promulgated by Government Notice No. R. 2378 of 30 July 1990, as amended by Government Notices No's R. 432 of 8 March 1991, R. 919 of 30 July 1999 and R. 547 of 30 May 2008; (SANS 100400);
- (v) The Post Office Act 1958 (Act 44 of 1958) as amended;
- (vi) The Electricity Act 1984, Act 41 of 1984;
- (vii) The Regulations of Local Gas Board(s), including Publications of the SABS Standards and Codes of Practice, with specific reference to GNR 17468 dated 4th October 1997;
- (viii) Legislation pertaining to water usage and the environment;
- (ix) Legislation governing the use of equipment, which may emit radiation (e.g. X-Rays etc.)
- (x) Common Law

Legal Liabilities

Common Law and Legislation

Based on two main criteria –

- Would the reasonable person have foreseen the hazard?
That is a reasonable person in that specific position, taking experience, qualifications, authority, position in the organization etc. into consideration
- Would the reasonable person have taken precautionary measures (action) to prevent or limit the hazard?

Negligence can be proven on failure on any or both of the above criteria

(There may not necessarily be a relationship between criminal and civil liability!)

18. HOUSE KEEPING

Good housekeeping will be maintained at all times as per Construction Regulation 27. Poor housekeeping contributes to three major problems, namely, costly or increased accidents, fire or fire hazards and reduction in production. Good housekeeping will enhance production time.

Particular emphasis is to be placed on the following crucial elements of a construction site:

- Storage facilities;
- Effective, sufficient and maintained lighting or illumination;
- Principal sources of injuries e.g. stairways, runways, ramps, loose building material;
- Oil, grease, water, waste, rubble, glass, storm water;
- Color coding;
- Demarcations;
- Pollution;
- Waste disposal;
- Ablution and hygiene facilities; and
- First aid.

This list must not be taken to be exclusive or exhaustive!

In promotion of environmental control all waste, rubble, scrap etc., will be disposed of at a registered dump site and records will be maintained. Where it is found to be impractical to use a registered dump site or it is not available, the Service Provider will ensure that the matter is brought to record with the client or his representative, after which suitable, acceptable alternatives will be sought and applied.

NOTE: No employer (Service Provider) shall require or permit any person to work at night or after hours unless there is adequate, suitable artificial lighting including support services in respect of Health and Safety.

19. INCIDENT INVESTIGATION

Inspection and reporting is the best way in which a responsible contractor can control his area of responsibility. All incidents therefore, irrespective of whether it gave rise to loss, injury, damage or not, shall be investigated and the results recorded in the Health and Safety File.

20. GENERAL

The project under control of the Service Provider shall be subject to periodic health and safety audits that will be conducted by the client at intervals agreed upon between the Service Provider and the client, provided such intervals will not exceed periods of one month. The Service Provider is to ensure that he/she and all persons under his control on the construction site shall adhere to the above specifications, as non-conformance will lead to the client taking action as directed by Construction Regulation 5.1(q). The Service Provider should note that he/she shall be held liable for any anomalies including costs and resulting deficiencies due to delays caused by non-conformance and/or non-compliance to the above Health and Safety Specifications and the Health and Safety Plan based on these specifications.

21. IMPORTANT LISTS AND RECORDS TO BE KEPT

The following are lists of several records that are to be kept in terms of the Construction Regulations 2014. The lists are:

- List of appointments;
- List of record keeping responsibilities; and
- Inspection checklist.

These lists and documents are to be used as a point of reference to determine which components of the Act would be applicable to a particular site or task or project, as was intended under paragraph 1 ("Preamble") above.

LIST OF RECORD KEEPING RESPONSIBILITIES

ITEM	CR	RECORD TO BE KEPT	RESPONSIBLE PERSON
1	5(1)(m)	Copy of Service Provider Health & Safety Plan Available on request	Client
2	7(d)	Copy of Service Provider Health & Safety Plan As well as each Contractor's Health & Safety Plan Available on request	Service Provider
3	7(b)	Health and Safety File opened and kept on site (including all documentation required i.t.o. OHSA & Regulations Available on request	Service Provider
4	7(e)	Consolidated Health and Safety File handed to Client on completion of Construction work. To include all documentation required i.t.o. OHSA & Regulations and records of all drawings, designs, materials used and similar information on the structure	Service Provider
5	7(f)	Comprehensive and Updated List of all Contractors on site, the agreements between the parties and the work being done Included in Health and Safety file and available on request	Service Provider

ITEM	CR	RECORD TO BE KEPT	RESPONSIBLE PERSON
6.	8(6)	Keep record on the Health and Safety Officers registration with a statutory body approved by the Chief Inspector.	Service Provider
7	9(1)	Risk Assessment - Available on site for inspection	Service Provider
8	7 (5)	Proof of Health and Safety Induction Training	Every Employee on site
9	10(3)	Construction Manager [CR 8(1)] has latest updated version of Fall Protection Plan [CR 10(1)]	Service Provider
10	23(1)(k)	Findings of daily inspections (prior to use) of Construction Vehicles and Mobile Plant	Service Provider

INSPECTION CHECKLIST

EMPLOYER DETAILS	
Employer:	
Registered Name of Enterprise:	
Trade Name of Enterprise:	
Company Registration No.:	
SARS Registration No.:	
UIF Registration No.:	
COIDA Registration No.:	
Relevant SETA for EEA purposes:	
Industry Sector:	
Bargaining Council:	
Contact Person:	
Address of Premises:	
Postal Address:	
Telephone Number:	
Fax Number:	
E-mail Address:	
Chief Executive Officer:	
Chief Executive Officer Address:	
Competent Person:	
Maximum power demand: in KW	
Health and Safety Representatives:	
Activities, products manufactured and/ services rendered:	
Raw materials, materials and chemical/ biological substances:	
Total Number of Employees:	Male: Female:

SERVICE PROVIDER INFORMATION	
Contractors:	
Site Address:	
Contracts Manager:	
Managing Director:	
Competent Persons:	
CR10(1)(a): FALL PROTECTION:	
CR28(a): STACKING	

ACCEPTANCE

Confirmation and Acceptance	Signature	Date
I _____ confirm that I have read and understood the Health and Safety Specifications as set out above.		
I _____ confirm that I have read and understood and confirm my intention to comply with all the legal requirements.		
I _____ confirm my acceptance and understanding of the assigned responsibilities and duties involved.		