

# THEMBISILE HANI LOCAL MUNICIPALITY



## UPGRADING OF SOLOMON MAHLANGU STADIUM, PHASE 02

THLM/SCM07/2024-2025/SS01

### SCOPE OF WORK

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*Tenderer*

*Witness 1*

*Witness 2*

*Employer*

*Witness 1*

*Witness 2*

### **C3.1 DESCRIPTION OF THE WORKS**

Refurbishment of a sports facility.

#### **C3.1.1 EMPLOYER'S OBJECTIVES**

The employer's objective is to address the backlog of amenities and sports facilities in previously disadvantaged communities and rural areas. The project objectives are in line with Thembisile Hani Local Municipality's objectives of service delivery, job creation, poverty alleviation, and social upliftment.

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of this Scope of Work

Contractors shall engage supervisory and management staff in labour-intensive works that have completed the skills program including Foremen/Supervisors at NQF "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agents/Managers at NQF level 5 "Manage labour-intensive Construction Processes" or equivalent QCTO qualifications..

The main objective of this project is to ensure that the community of Kwamhlanga has a stadium. The scope of service covers the design and adherence to the given specifications including any by-laws governing all civil, structural, electrical, and mechanical aspects. The objective will be to utilize the envisaged funds to an optimum to create a facility that will be to the benefit of the total community in the Thembisile Hani Local Municipality

#### **C3.1.2 OVERVIEW OF THE WORKS**

The work will be carried out using Labour- Intensive approach as much as possible. Labour-intensive works comprise the activities described in SANS 1921-5, Earthworks activities that are to be performed by hand, and their associated specification data. Such works shall be Constructed using local workers who are temporarily employed in terms of this Scope of Work.

#### **C3.1.3 EXTENT OF WORKS**

- CONTRACTOR'S ESTABLISHMENT ON SITE
- COMPLIANCE WITH EMP AND OHS ACT REQUIREMENTS
- PROVISIONS OF TEMPORARY WORKFORCE (ABE)
- HOUSING, OFFICES, AND LABORATORIES FOR THE ENGINEER'S PERSONNEL
- REFURBISHMENT OF ATHLETICS TRACK
  1. MILL OFF EXISTING SYNTHETIC TRACK SURFACING
  2. INSTALLATION OF 12-20MM ATHLETIC TRACK TO SUIT IAAF-CERTIFIED FULLY POLYURETHANE SYNTHETIC TRACK SURFACING
  3. SUPPLY OF MOBILE COVERED BENCH FOR TECHNICAL STAFF BY THE SOCCER FIELD
- REFURBISHMENT OF VIP, BAR, AND MEDIA FACILITIES
  1. WIDENING OF VIP, BAR, AND MEDIA FACILITIES
  2. CEILING REPAIRS OF VIP, BAR, AND MEDIA FACILITIES

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3. SHELVING REFURBISHMENT
  4. SUPPLY AND INSTALLATION OF FOLDABLE PORTABLE OUTDOOR STADIUM SEATS UNDER THE GRANDSTAND
  5. SUPPLY AND INSTALLATION OF MEDIA FACILITY EQUIPMENT
- SITE WATER RETICULATION
    1. SUPPLY AND INSTALLATION OF A PUMP TO THE EXISTING BOREHOLE
    2. CONSTRUCTION OF WATER RETICULATION FROM THE BOREHOLE TO THE STEEL TANK
  - WATERPROOFING
    1. WATERPROOFING OF LEAKING ROOFS TO THE BAR, VIP, BAR, MEDIA ROOM, AND LOCKER ROOMS.
    2. REPLACEMENT OF CHANNEL GUTTERS IN BETWEEN THE GRANDSTAND AND THE BUILDING
  - REPAINTING OF STEEL STRUCTURES AND ROOF COVERINGS
  - CONSTRUCTION OF BOUNDARY WALL
  - CLEARING OF SITE ON COMPLETION.

#### **C3.1.4 LOCATION OF THE WORKS**

The Stadium is in Kwa Mhlanga Town situated in the Thembisile Hani Local Municipality within the jurisdiction of Nkangala District Municipality in the Mpumalanga Province.

The existing Stadium site is situated in Kwamhlanga Town (S 25° 25' 48" and E 28° 42' 53")

#### **C3.1.5 TEMPORARY WORKS**

Temporary works will include, but are not limited to temporary traffic diversion.

#### **C3.1.6 LABOUR-INTENSIVE WORKS**

All the relevant tasks/works shall be constructed using Labour-Intensive Construction Methods only.

#### **C3.1.7 CONSTRUCTION PROGRAM**

It is specifically brought to the notice of the Contractor that time is critical on this project, and the construction period will be a major factor in the award of the tender.

Tenderers shall submit with their tender their preliminary weekly programme for the construction of the Works under this contract to suit their proposed method of executing the Works. The programme shall be sufficiently detailed to differentiate between the various activities so that the contract may be properly evaluated.

N.B. The project will be implemented in three phases spread out over three Municipal financial years.

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*Employer*

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*Witness 2*

**C3.1.8**            **CHANGE IN WORKS**

The Engineer may, from time to time by order in writing without in any way vitiating the Contract or giving to the Contractor any claim for additional payment, require the Contractor to proceed with the execution of the works in such order as in his opinion may be necessary, and may alter the order of or suspend any part of the Works at such time and times as he may deem desirable and the Contractor shall not, after receiving such written order, proceed with work ordered to be suspended until he shall receive a written order to do so from the Engineer. Where the work must of necessity be carried out in conjunction with work of other Contractors, or with that of the Employer, it shall be co-ordinated and arranged in such a manner as to interfere as little as possible with the progress of such other work so as to offer every reasonable facility to other Contractors or to employees of the Employer.

**C3.1.9**            **GENERAL INFORMATION**

**C3.1.9.1**        **DRAWINGS**

The reduced drawings contained in the annexures that form part of the tender document shall be used for tender purposes only. Further drawings are to be provided on an ongoing basis by the engineer. The contractor shall program his activities to be suitable in terms of his resources to complete the contract within the stipulated period.

**C3.1.9.2**        **CONSTRUCTION IN CONFINED AREAS**

It may be necessary for the contractor to work in confined areas. In certain areas the width of the fill material and pavement layers may reduce to zero and the working space may be confined. The method of construction in these confined areas depends on the contractor's construction plant. However, the contractor must note that the measurement and payment will be in accordance with the specified cross sections and dimensions, irrespective of the method used to achieve these cross sections and dimensions, and that the rates and the amounts tendered will be deemed to include full compensation for any special equipment or construction methods for any difficulty encountered in working in confined areas and narrow widths, and at or around obstructions , and that no extra payment will be made nor will any claim for payment be considered on account of these difficulties.

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**C3.2 ENGINEERING**

**C3.2.1 Design services and activity matrix**

- a) The Employer is responsible for the design of permanent Works as reflected in these contract documents unless otherwise stated.
- b) The Contractor is responsible for the design of the temporary Works and compatibility with the permanent Works.
- c) The Contractor shall supply all details necessary to assist the engineer in the compilation of the as built drawings

<b>Description</b>	<b>Responsibility</b>
Design of Works	Engineer
Concept, feasibility and overall process	Client
Basic Engineering and detail layouts to tender stage	Engineer
Final Design of Works	Engineer
Final Design to approved for construction stage	Client
Preparation of tender documentation & adverts	Engineer
Appointment of soil test / topographical surveyors	Client
Appointment of sub-contractors	Contractor
Supervision	Engineer
Preparation of as-built drawings	Contractor / Engineer
Completion certificate	Engineer / Client / Contractor

**C3.2.2 DRAWINGS**

The Engineer will provide the Contractor with one full set of drawings, which will be used exclusively for the recording of as built information by the Contractor. Only dimensions, positions, levels, coordinates etc. that change from the original values, will be required to be entered on these drawings. These drawings, fully marked up, will be handed to the Engineer at the issue of the Certificate of completion, which will not be issued until the as-built information has been received. The following drawings apply to this contract:

**C3.3 PROCUREMENT**

The Tenderers notice is drawn to the fact that the awarding of this tender will be in terms of the Supply Chain Management Policy of the Thembisile Hani Local Municipality and The Standard Conditions of Tender as contained in Annexure F of the September 2005 edition of the CIDB Standard for Uniformity in Construction Procurement.

  
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**C3.3.1 PREFERENTIAL PROCUREMENT PROCEDURES**

The works shall be executed in accordance with the Preferential Procurement Policy Framework Act and Preferential Procurement Regulation 2011.

**C3.3.2 SUB-CONTRACTING**

No work may be sub-contracted to another party unless approval is given by the Engineer in writing. The Contractor is to submit to the Engineer in writing a request for appointment of a particular sub-contractor. Accompanying this request is to be the full detail of the sub-contractor, including:

- Previous experience
- Work which will be sub-contracted to him/her
- Approximate value of the work to be sub-contracted

Before the Engineer in terms of Clause 49 hereof issues any certificate that includes any payment in respect of work done or goods supplied by any sub-contractor appointed in accordance with the provisions of Clause 6.3 of the General Conditions of Contract for Construction works (2010), he shall be entitled to call upon the Contractor to furnish reasonable proof that all payments (less retention moneys) included in previous certificates in respect of the work or goods of such sub-contractors have been made or discharged by the Contractor, in default of which, unless the Contractor:

- Informs the Engineer in writing that he has reasonable cause for withholding or refusing such payment; and
- Submits to the Engineer reasonable proof that he has so informed such sub-contractor in writing.

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### C3.4 CONSTRUCTION

#### C3.4.1 APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS

##### Applicable SABS 1200 standardized specifications

The following SABS 1200 standardized specifications for civil engineering construction are applicable:

SABS 1200 A	GENERAL
SABS 1200AB	ENGINEERS OFFICE
SABS 1200 C	SITE CLEARANCE
SABS 1200 D	EARTHWORKS
SABS 1200 DB	EARTHWORKS (PIPE TRENCHES)
SABS 1200DM	EARTHWORKS (ROADS, SUBGRADE)
SABS 1200 G	CONCRETE
SABS 1200 GA	CONCRETE (SMALL WORKS)
SABS 1200 H	STRUCTURAL STEELWORK
SABS 1200 HA	STRUCTURAL STEELWORK (SUNDRY)
SABS 1200 L	MEDIUM-PRESSURE PIPELINES
SABS 1200 LB	BEDDING (PIPES)
SABS 1200 LD	SEWERS
SABS 1200 LE	STORMWATER
SABS 1200 M	ROADS
SABS 1200 ME	SUB-BASE
SABS 1200 MF	BASE
SABS 1200 MG	BITUMINOUS SURFACE TREATMENT
SABS 1200 MK	KERBING AND CHANNELLING
COLTO 2100	DRAINS
COLTO 5200	GABIONS
COLTO 5800	LANDSCAPING

The following variations to standardized specifications and additional clauses apply to this contract and are contained in the "Annexure to the Scope of Work".

PSA	General
PSC	Site Clearance
PSDB	Earthworks
PSDM	Earthworks (Roads, Subgrade)
PSDME	Subbase

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*Tenderer*

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Copies of SABS 1200 Standardized Specifications are available from the Standards South Africa. The

Specifications together with the Drawings and Bill of Quantities indicate the sections of the Standard Specifications which apply to this contract.

**Model Preambles for Trades - 2008**

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition) and the Supplementary Preambles hereunder that apply to all Building Works, i.e.... Sections 1-3 of the bills of quantities.

These Model Preambles for Trades, and any Supplementary Preambles, shall be read in conjunction with and shall form part of the descriptions of items in the bills of quantities, applicable to building works, Sections 1-3.

Where descriptions or Supplementary Preambles in the bills of quantities differ from these Model Preambles for Trades, the descriptions or Supplementary Preambles provided herein shall take precedence. Where supplementary preambles differ from descriptions in the bills of quantities, the descriptions in the bills of quantities shall take precedence

Except where otherwise stated, all preambles contained in any individual Trade Preamble shall apply equally to any work of a similar nature in all other trades. The 'Model Preamble for Trades' is published by and is available from the Association of South African Quantity Surveyors, P.O. Box 3527, Halfway House, 1685. Telephone (011) 315 4140. E-mail: [administration@asags.co.za](mailto:administration@asags.co.za).

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*Tenderer*

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*Employer*

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*Witness 2*

### C3.5 VARIATIONS AND ADDITIONS TO THE STANDARD AND STANDARDISED SPECIFICATIONS

In certain clauses the standard, standardized and particular specifications allow a choice to be specified in the project specifications between alternative materials or methods of construction and for additional requirements to be specified to suit a particular contract. Details of such alternative or additional requirements applicable to this contract are contained in this part of the project specifications. It also contains additional specifications required for this particular contract.

The number of each clause and each payment item in this part of the project specifications consists of the prefix PS followed by a number corresponding to the number of the relevant clause or payment item in the standard specifications. The number of a new clause or payment item, which does not form part of a clause or a payment item in the standard specifications and is included here, is also prefixed by PS followed by a new number. The new numbers follow on the last clause or item number used in the relevant section of the standard specifications.

PSA	General
PSAB	Engineer's Office
PSC	Site Clearance
PSD	Earthworks
PSDB	Earthworks (Pipe Trenches)
PSGA	Concrete (Small Works)
PSH	Structural Steelwork
PSHA	Structural Steelwork (Sundry items)
PSL	Medium Pressure Pipelines
PSLB	Bedding (Pipes)
PSPCB	Fencing

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*Tenderer*

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**SCOPE OF WORK**

**SPECIFICATIONS**

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**Description**

**Page No.**

**Variation to Standardised Specification and Additional Clauses**

PSA	General
PSAB	Engineer's Office
PSC	Site Clearance
PSD	Earthworks
PSDB	Earthworks (Pipe Trenches)
PSDM	Earthworks (Roads, Subgrade)
PSME	Subbase
PSMF	Base
PSMG	Bituminous Surface Treatment
PSMH	Asphalt Base Treatment
PSMJ	Segment Paving
PSMK	Kerbing and Channelling
2100	Drains
5200	Gabions
5800	Landscaping and Planting
PSH	Structural Steelwork
PSHA	Structural Steelwork (Sundry items)
PSL	Medium Pressure Pipelines
PSLB	Bedding (Pipes)
PSPCB	Fencing

**Particular Specifications**

PA	Fencing
PC	Building
PD	Environmental Protection and Control
Specifications PE	Dealing with Eskom Services
PF	Occupational Health and Safety
PH	Submersible Progressive Pumps
PV	Synthetic Multi-Purpose Sports Field

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**PSA GENERAL**

**PSA1 SCOPE**

**REPLACE THE CONTENTS OF SUB-CLAUSE 1.1, INCLUDING THE NOTES, WITH THE FOLLOWING**

“1.1 This specification covers requirements, and responsibilities of a general nature which are generally applicable to civil engineering construction and building works, contracts as well as the requirements for the Contractor’s establishment on the Site”

**PSA 2 INTERPRETATIONS**

**PSA 2.3 DEFINITIONS**

**“1.1 IN THE OPENING PHRASE BETWEEN THE WORDS “specification” AND “the following” INSERT THE WORDS “the definitions given in the Conditions of Contract and”.**

**(a) General**

*ADD THE FOLLOWING DEFINITIONS*

“General Conditions’ and ‘Conditions of Contract’: The General Conditions of Contract specified for use with this Contract, together with the Special Conditions of Contract as applicable.

‘Specified’: As specified in the Standardised Specifications, the drawings or the Project Specifications. ‘Specifications’ shall have the corresponding meaning”.

**(b) Measurement and Payment**

*“REPLACE THE DEFINITIONS FOR “Fixed charge”, “Time related charge” AND Value related charge” WITH THE FOLLOWING:*

“ ‘Fixed Charge’: A charge that is not subject to adjustment on account of variations in the value of the Contract Price or the time allowed in the Contract for the completion of the work.

“Time Related Charge”: A charge, the amount of which varies in accordance with the Time for completion of the works, adjusted in accordance with the provision of the Contract.

‘Value-related charge’: A charge, the amount of which varies pro rata with the final value of the measured work executed and valued in accordance with the provisions of the Contract’.

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**PSA ABBREVIATIONS**

(a) Abbreviations relating to standard documents

ADD THE FOLLOWING ABBREVIATION:

“CKS: SANS Co-ordinating Specification

**PSA 3 MATERIALS**

**PSA 3.1 Quality**

Where there is a standardization mark programme for any material, all such material supplied shall bear the official standardization mark.

Alternative materials or equipment proposed by the Contractor shall be tested. The test, as well as the materials or equipment, shall be approved by the Engineer prior to any such materials or equipment being built into the Works and all costs involved in testing shall be deemed to be included in the rates tendered.

**PSA- 3.2 Materials supplied by the Employer**

Materials supplied by the Employer will be kept at the stores of the Employer and the Contractor will be requested from time to time to incorporate material into the Works, on instruction of the Engineer. These material quantities must not be seen as a certainty as materials to be incorporated into the Works, but the Contractor must take note of this Clause should the Engineer instruct him to do so.

Incorporation of these materials into the Works, should it be so instructed by the Engineer, will have a direct effect on the quantities of similar materials being omitted from the Schedule of Quantities requested to be supplied by the Contractor. A list of the materials to be supplied by the Employer will be fixed within 14 days after the issue of the Letter of Acceptance.

**PSA- 3.3 Ordering of Materials**

The quantities set out in the schedule of quantities have been carefully determined from calculations based on data available at the time and should therefore be considered to be approximate quantities only. Before ordering materials of any kind the contractor shall check with the engineer whether or not the scope of the work for which the materials are required is likely to change substantially. No liability or responsibility whatsoever shall be attached to the employer for materials ordered by the contractor except when ordered in accordance with the written confirmation issued by the engineer.

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**PSA 4. PLANT**

**PSA 4.1 Silencing of Plant**

*REPLACE THE CONTENTS OF SUB-CLAUSE 4.1 WITH THE FOLLOWING*

“The Contractor’s attention is drawn to the applicable regulations pertaining to noise and hearing conservation framed under the Occupational health and Safety Act, 1993 (Act No 85 of 19930 as amended”.

*ADD THE FOLLOWING AFTER THE SECOND SENTENCE OF SUBCLAUSE 5.1.2*

“The contractor and the engineer shall record on the said list, their concurrence or disagreement (as the case may be) regarding the completeness and accuracy of the details recorded therein.

*REPLACE THE CONTENTS OF SUB-CLAUSE 5.1.2 WITH THE FOLLOWING:*

At the end of the contract the contractor shall expose all pegs that were listed at the commencement of the construction as being in order and the contractor shall arrange with a registered land surveyor for the checking of the positions of all such pegs and the replacement of those that the land surveyor’s check reveals have become disturbed or damaged. The contractor shall as precedence to the issue of the certificate of completion, provide to the engineer, a certificate from the registered land surveyor, certifying that all the pegs listed at the commencement of construction in accordance with the provisions of this clause, have been checked and that those found to have been disturbed, damaged or destroyed have been replaced in their correct positions, all in accordance with the provisions of the said Act.

The costs of all checking, replacement and certification as aforesaid shall be entirely for the Contractor’s account. This, with the provision always that the contractor shall not be held liable for the cost of replacement of pegs which:

- a) Cannot reasonably be established in their original positions by reason of the finished dimensions of permanent works, and
- b) The contractor can prove beyond reasonable doubt to the satisfaction of the engineer, were disturbed, damaged or destroyed by others beyond his control.

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**PSA-4.2 Contractor's Office, Stores and Services**

It is not a requirement of this Contract that the Contractor provide an approved field laboratory on Site, although he may elect to do so. If no laboratory is provided, the Contractor shall nevertheless arrange to have the required quality control tests (e.g. density, concrete strength and pressure testing of pipelines) performed by an approved commercial laboratory, and his tendered rates shall include full compensation for such tests.

Before commencing any establishment on Site, the proposed layout of the Contractor's offices, stores and services shall be approved by the Engineer. The Engineer will approve the layout or otherwise request modifications within five working days after receipt of the Contractor's written proposal.

The Contractor's camp shall be kept neat and clean at all times and all surplus or rejected material shall be removed from the site.

**PSA-4.3 Restriction on Employee Accommodation (Additional sub-clause)**

No housing is available for the Contractor's employees and the Contractor shall make his own arrangements to house his employees and to transport them to site. With the exception of a night-watchman no employees may be housed or accommodated or allowed to sleep over on the site of the works.

The Contractor shall provide the necessary ablution facilities at his campsite and on the site of the works for the use of his employees. Chemical toilets only will be allowed.

**PSA-4.4 Restriction on the use of plant (Additional sub-clause)**

Except for the type of plant, and to the extent permitted in terms of the project specification or approved by the Engineer, the Contractor shall use only hand tools and hand equipment in the construction of the Works or portions of the Works that are required in terms of the project specification to be constructed using labour-intensive methods.

**PSA-5 CONSTRUCTION**

**PSA-5.1 Survey**

Co-ordinated reference pegs shall be preserved as specified in sub-clause 5.1.2.

**PSA-5.1.1 Setting out of the Works**

The Contractor shall verify at his own cost the accuracy of the pegs or benchmarks pointed out as being available for use to set out the works. Any discrepancies must be reported to the Engineer in writing.

All pegs or benchmarks which are damaged during the Contract which were not in the direct

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way of the construction of the works shall be replaced by a competent Surveyor (or Land Surveyor if the positions were determined by a Land Surveyor in the first place) at the Contractors own cost.

For any new work the Contractor shall establish his own reference lines from which the work can be set out.

Where labour-intensive work is specified, the Contractor shall also be responsible for the setting out of the daily tasks.

**PSA 5.3 Protection of Existing Structures**

*REPLACE* “Machinery and Occupational Safety Act, 1983 (Act No 6 of 1983)” *WITH* “Occupational Health and Safety Act, 1993 (Act No 85 of 1993), as amended,” *AND INSERT THE FOLLOWING AFTER* “(Act No. 27 of 1956)”. “as amended”.

**PSA 5.4 Protection of Overhead and Underground Services**

*REPLACE THE HEADING AND THE CONTENTS OF SUB-BASE 5.4 WITH THE FOLLOWING:*

- (b) Any other service which ought reasonably to have been a known service in accordance with the provisions of this clause,

The contractor shall also be liable for consequential damage in regard to (a) and (b), whether caused directly by the contractor’s operations or by lack of proper protection.

No separate payment will be made to the contractor in respect of his costs of providing, holding available on the site and utilising the said detecting and testing equipment, nor for any costs incurred in preparing and submitting to the Engineer the drawings aforesaid. These costs shall be deemed included in the contractor’s other tendered rates and prices included in the contract.

Payment to the contractor in respect of exposing services at the positions agreed by the Engineer and as described above will be made under payment items (if any) as may be provided for in the respective sections of the specifications pertaining to the type of work involved.

**PSA-5.4.2 Protection during Construction**

The contractor shall take all reasonable precautions and arrange its operations in such a manner as to prevent damage occurring to all known services during the period which the contractor has occupation and/ or possession of the site.

  
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Services left exposed shall be suitably protected from damage and in such a manner as will eliminate any danger arising therefrom to the public and/or workmen, all in accordance with the requirements with the requirements of the prevailing legislation and related regulations.

Unless otherwise instructed by the engineer, no services shall be left exposed after its exact position has been determined and all excavations carried out for the purpose of exposing underground services shall be promptly backfilled and compacted. In roadways, the requirements of sub-clause 5.9 of SANS 1200DB should be observed. In other areas compaction is to be 90% modified AASHTO density.

**PSA-5.4.3 Alterations and Repairs to Existing Services**

Unless the contrary is clearly specified in the contract or ordered by the engineer, the contractor shall not carry out alterations to existing services. When any such alterations become necessary, the contractor shall promptly inform the engineer, who will either make arrangements for such work to be executed by the owner of the service, or instruct the contractor to make such arrangements himself.

Should damage occur to any existing services, the contractor shall immediately inform the engineer, or when this is not possible, the relevant authority, and obtain instructions as to who should carry out repairs, In urgent cases the contractor shall make appropriate steps.

**PSA-5.5 Dealing with Water on the Works**

**• Add the following paragraph:**

“It shall be noted that any claim for extension of time or for additional compensation dealing with water on the Works will not be considered, as this payment item shall be deemed to take in account of all additional resources or costs that may be required or incurred. The Contractor shall be deemed to have acquainted himself with the site conditions during tender stage. This will include the diversion of rivers to accommodate the laying of pipes through rivers.”

**PSA-5.6 Training (Additional Sub-clause)**

It is a condition of this contract that on-the-job training be provided for local labour. Accredited training in accordance with Particular Specification 4.1.3 EPWP LABOUR INTENSIVE SPECIFICATION (1.2.2.2.5) will be paid for separately as specified.

**PSA-5.9 Site Meetings**

The contractor or his authorised agent will be required to attend regular site meetings, which shall normally be held once a month on dates and at times determined by the engineer, but in any case whenever necessary required by the engineer. Unless otherwise indicated in

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the contract or instructed by the engineer, such meetings shall be held at the contractor's offices on the site. At such monthly meetings, matters such as general progress on the works, quality of work, problems, claims, payments and safety shall be discussed, but not matters concerning the day to day running of the contract.

**PSA-6 PROVISIONAL SUMS**

Provisional Sums are allowed in the Schedule of Quantities for execution on instruction by the Engineer only, and include:

**PSA-6.1 Additional Tests**

Any additional tests required by the Engineer on soil, concrete, any other material or workmanship by independent laboratories or specialist service providers

**PSA-6.2 Training**

As detailed in PSA 5.6

**PSA-6.4 Soccer field artificial surface**

The sum shall include for the construction of the sub-base, final surfacing, and drainage by a nominated sub-contractor (or approved installer). The main Contractor shall prepare/construct the terrace/platform and sub-grade. The nominated subcontractor shall construct the sub-base, and final surface finishing's including all necessary surface/sub-surface drainage system, markings, kerbing and fencing/railings

**PSA-6.5 Combi-courts (Netball, Basket Ball, Volleyball and Netball)**

The sum shall include for the construction of the sub-base, final surfacing and drainage by a nominated sub-contractor (or approved installer). The main Contractor shall prepare/construct the terrace/platform and sub-grade. The nominated subcontractor shall construct the sub-base, and final surface finishing's including all necessary surface/sub-surface drainage system, markings, kerbing and fencing/railings.

**PSA-6.6 Equipment for the Soccer/Rugby/Netball/ Basketball/Tennis/Volleyball**

The sum shall include for the sporting equipment for Soccer, Rugby Netball, Basketball, Tennis and Volleyball, as approved by the Engineer.

**PSA-6.7 Palisade Fence**

The sum shall include for the supply installation of a palisade fence around the boundary of the stadium as approved by engineer.

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**PSA-6.8 Signage**

The sum shall include for the supply and installation for the permanent facility signage, which shall include, but not limited to: traffic (vehicle and pedestrian), fire, services and utilities.

**PSA-6.9 Identification, Removal and Relocation of Existing Services**

The sum shall provide as indicated for the identification, relocation and removal of existing services by specialist subcontractor.

**PSA-6.10 Vending Stalls**

The sum shall provide as indicated for construction of vending stalls equipped with water, sewer, lighting and power connection as approved by Engineer.

**PSA-6.11 Refurbishment of Soccer Pitch Retaining Wall**

The sum shall provide as indicated for the refurbishment of the soccer embankment retaining wall as approved by Engineer.

**PSA-6.12 Refurbishment of Perimeter Wall**

The sum shall provide as indicated for the refurbishment of perimeter wall as approved by Engineer.

**PSA-6.13 Borehole Development**

Provision for the siting, drilling, test pumping, water quality analysis by Geohydrologist and equipping of submersible borehole pump and pump house, inclusive of all investigations, assessments, reporting, supply of equipment and installation by specialist Sub-Contractor in accordance with Project Specification PB and PMD.

**PSA-6.14 All Weather Seal Layers**

The sum shall provide as indicated for surfacing and painting by specialist subcontractor.

**PSA-6.15 Pipe Jacking**

The sum shall provide as indicated for jacking establishment and grouting injection of cement/sand grout, where ordered.

**PSA-6.16 Top Soiling**

The sum shall provide as indicated for watering the grass from existing reticulation.

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**PSA-6.17 Gate 1 (Structural and Architectural Steelwork and Art Work)**

The sum shall provide as indicated for structural and architectural steel work and artwork for Gate 1 as per drawings to be executed by a sub-contractor

**PSA-6.18 Grand Stand**

Provide the provisional amount as indicated for the 600 seater grand stand as per drawings to be executed by a sub-contractor

**PSA-6.19 Demolition**

Provide the provisional amount as indicated for the demolition of existing infrastructure (grand stand, perimeter wall, ablution facilities) and the removal of rubble to specified dumping site.

**PSA-6.20 Bulk Power Connection**

Provide the provisional amount as indicated for 200kVA bulk power connection to be executed by a subcontractor.

**PSA-6.21 Lightning & Earthing Protection**

Provide the provisional amount as indicated for Lightning & Earthing Protection to be executed by a sub-contractor.

**PSA-6.22 Access Control System for Security Control Gates**

Provide the provisional amount as indicated for construction of Access Control.

**PSA-6.23 Telkom Connection**

Provide the provisional amount as indicated for Telkom Connection

**PSA-6.24 Student**

The sum shall include allowances for a student elected by the Municipality to undergo experiential training.

**PSA-6.25 PSC Member Allowances**

The sum shall make provisions for six project steering committee members (excluding CLOs and Councilors), for their attendance at meetings, in compensation as follows: R200 per person per meeting.

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**PSA-6.26 CLO**

The sum shall make provision for the monthly salary of R5000.00 for two community liaison officers as elected/appointed by the Municipality.

**PSA-6.27 Provision of PPE**

Allowance shall be made for the procurement of personal protective equipment (PPE) for the use of local labour.

**PSA-6.28 Provision for air conditioning and ventilation**

Allowance shall be made for the design (by a mechanical engineer) and installation of air conditioning and ventilation system.

**PSAB ENGINEER'S OFFICE**

**PSAB-3 MATERIALS**

**PSAB-3.1 Contract Sign Boards**

One (1) Contract signboard, two sides per signboard, are to be erected in the position indicated by the Engineer. A signboard shall comprise of two information boards and stand according to Drawing ONB/2024/03/NB.

**PSAB-3.2 Engineers Office**

The Contractor shall provide, furnish and equip one or more offices (as scheduled) for the use of the Engineer.

Buildings for offices shall be constructed of timber, asbestos or other approved materials. The buildings shall have double walls filled with insulating material and lined on the inside with timber or other approved material. Ceilings shall be provided and offices shall have timber or concrete floors with edge to edge carpeting with foam backed needle punch carpeting.

Office buildings shall be painted with an approved paint after erection and the paintwork shall be maintained during the contract period.

Each door shall be provided with a lock and two keys.

The siting of all offices shall be to the Engineer's satisfaction and shall be decided upon in consultation with him and confirmed in writing before erection. All accommodation shall include the provision of a constant 220 volt A.C. electrical supply, access roads where required, fresh

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clean potable water and sewerage, including septic tanks which will be considered as part and parcel of the accommodation provided and will not be paid for separately.

All accommodation shall meet with the approval of the Engineer.  
 The offices shall comply with the following requirements:

Dimensions	Type 1 Office	Type 2 Office
Minimum floor area	40,0m <sup>2</sup>	16,0m <sup>2</sup>
Minimum window area	6,0m <sup>2</sup>	2,4m
Minimum window area Opening	3,6m <sup>2</sup>	1,5m <sup>2</sup>
Minimum clear height	2,4m	2,4m

Furniture and equipment:

Each office shall be equipped with the following:

- (i) Office desk with a surface area of at least 1,5 m<sup>2</sup> with at least 3 drawers, one of which can be locked.
- (ii) General purpose steel cabinet with doors, lock and two keys with at least 1,5 m<sup>2</sup> shelf area and a volume of 0,7 m<sup>3</sup>.
- (iii) Two office chairs.
- (iv) Double 80 watt fluorescent light fittings complete with ballast and tubes (3 per Type 1 office, 1 per Type 2 office).
- (v) A table with a smooth flat top having an area of at least 3m<sup>2</sup>
- (vi) 220/250 volt 15 amp power points (4 per Type 1 office, 2 per Type 2 office).
- (vii) Windows shall be fitted with Venetian or opaque roller blinds.

In addition to the above the Type 1 office shall be equipped with the following:

- (viii) A table large enough to accommodate ten people and have an area of at least 3 m<sup>2</sup>. This table may be the table referred to in (v), above.
- (ix) Ten chairs suitable for meetings chairs.

The Contractor shall also provide a toilet for the exclusive use of the Engineer. The toilet shall be chemical. Provision shall be made for the washing of hands at a suitable location adjacent to the toilet.

  
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PSAB-3.3 **Carports (Additional Clause)**

The carport shall be so constructed that the vehicle parked under it will at all times be protected against the direct rays of the sun. A carport shall be at least 20 m<sup>2</sup> in area and the floor shall consist of a layer of crushed stone to alleviate dusty and muddy conditions.

PSAB-4 **PLANT**  
PSAB-4.1 **Telephone**

The telephone shall be a cell phone similar to an ASHA 300 with all costs (R1000/month airtime, R500/month data bundle) paid by the Contractor. At the end of the Contract the phone shall revert back to the Contractor.

PSAB-4.2 **Survey Equipment (Additional Clause)**

The Contractor shall provide the following survey equipment on site for the full duration of the Contract:

- (a) 1 tachometer capable of reading to 20 seconds of arc;
- (b) 2 tachometer staves graduated metrically;
- (c) 1 automatic level and levelling staff;
- (b) 1 steel tape of length 30 m;
- (c) 1 measuring wheel.

All equipment may be shared by arrangement between the Contractor and the Engineer's representative. The Contractor shall insure the equipment against any loss, damage or theft and he shall indemnify the Engineer against any claims in this regard.

The Contractor shall maintain the equipment in good working order and keep it clean throughout the contract period.

Payment for survey equipment will be on a monthly basis as a time-related item under item 8.4 of SABS 1200 A.

PSAB-5 **Rented Accommodation for Engineer**

The Contractor shall maintain a furnished two bedroomed Flat or similar approved accommodation for the use of the engineer's representative for the duration of the contract.

PSAB-6 **Survey Assistants**

One suitably educated Survey assistant shall be made available for the sole use of the Engineer's Representative for the duration of the contract. The assistant may also be required

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to fulfil the function of Community Liaison Officer during the contract should the Engineer consider this arrangement to be in the interests of the Employer. The Survey Assistants may therefore have to be appointed from local communities. Transport shall be made available for the Survey Assistant/ Community Liaison Officer by the contractor for the duration of the contract should he be requested to do so. In such event payment will be made scheduled day works rates

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*Employer*

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*Witness 2*