

# PART 2

## **Guidance Document for the Calculation of Local Content**

### **1. DEFINITIONS**

Unless explicitly provided in this guideline, the definitions given in SATS 1286:2011 apply.

### **2. GENERAL**

#### **2.1. Introduction**

This guideline provides tenderers with a detailed description of how to calculate local content of products (goods, services and works) by components/material/services and enables them to keep an updated record for verification requirements as per the SATS 1286:2011 Annexure A and B.

The guideline consists of two parts, namely:

- a written guideline; and
- three declarations that must be completed:
  - Declaration C: “Local Content Declaration – Summary Schedule” (see Annexure C);
  - Declaration D: “Imported Content Declaration – Supporting Schedule to Annex C” (see Annexure D); and
  - Declaration E: “Local Content Declaration – Supporting Schedule to Annex C” (see Annexure E).

The guidelines and declarations should be used by tenderers when preparing a tender. A tenderer must complete Declarations D and E, and consolidate the information on Declaration C.

Annexure C must be submitted with the tender by the closing date and time as determined by the Tender Authority. The Tender Authority reserves the right to request that Declarations D and E also be submitted.

If the tender is successful, the tenderer must continuously update Declarations C, D and E with actual values for the duration of the contract.

**NOTE:**

Annexure A is a note to the purchaser in SATS 1286:2011; and  
Annexure B is the Local Content Declaration IN SATS 1286:2011.

**2.2. What is local content?**

According to SATS 1286:2011, the local content of a product is the tender price less the value of imported content, expressed as a percentage. It is, therefore, necessary to first compute the imported value of a product to determine the local content of a product.

**2.3. Categories: Imported and Local Content**

The tenderer must differentiate between imported content and local content.

Imported content of a product by components/material/services is separated into two categories, namely:

- products imported directly by the tenderer; and
- products imported by a third party and supplied to the tenderer.

**2.3.1. Imported Content**

Identify the imported content, if any, by value for products by component/material/services. In the case of components/materials/services sourced from a South African manufacturer, agent, supplier or subcontractor (i.e. third party), obtain that information and Declaration D from the third party.

Calculate the imported content of components/materials/services to be used in the manufacture of the total quantity of the products for which the tender is to be submitted.

As stated in clause 3.2.4 of SATS 1286:2011: "If information on the origin of components, parts or materials is not available, it will be deemed to be imported content."

#### 2.3.1.1. Imported directly by the tenderer:

When the tenderer import products directly, the onus is on the tenderer to provide evidence of any components/materials/services that were procured from a non-domestic source. The evidence should be verifiable and pertain to the tender as a whole. Typical evidence will include commercial invoices, bills of entry, etc.

When the tenderer procures imported services such as project management, design, testing, marketing, etc and makes royalty and lease payments, such payments relating to the tender must be included when calculating imported content.

#### 2.3.1.2. Imported by a third party and supplied to the tenderer:

When the tenderer supplies components/material/services that are imported by any third party (for example, a domestic manufacturer, agent, supplier or subcontractor in the supply chain), the onus is on the tenderer to obtain verifiable evidence from the third party.

The tenderer must obtain Declaration D from all third parties for the related tender. The third party must be requested by the tenderer to continuously update Declaration D. Typical evidence of imported content will include commercial invoices, bills of entry etc.

When a third party procures imported services such as project management, design, testing, marketing etc. and makes royalty and lease payments, such payments relating to the tender must be included when calculating imported content.

#### 2.3.1.3. Exempt Imported Content:

Exemptions, if any, are granted by the Department of Trade and Industry (**the dti**). Evidence of the exemptions must be provided and included in Annexure D.

#### **2.3.2. Local Content**

Identify and calculate the local content, by value for products by components/materials/services to be used in the manufacture of the total quantity of the products.

### **3. ANNEXURE C**

#### **3.1. Guidelines for completing Annexure C: Local Content Declaration – Summary Schedule**

*Note: The paragraph numbers correspond to the numbers in Annexure C.*

**C1. Tender Number**

Supply the tender number that is specified on the specific tender documentation.

**C2. Tender description**

Supply the tender description that is specified on the specific tender documentation.

**C3. Designated products**

Supply the details of the products that are designated in terms of this tender (i.e. buses).

**C4. Tender Authority**

Supply the name of the tender authority.

**C5. Tendering Entity name**

Provide the tendering entity name (for example, Unibody Bus Builders (Pty) Ltd).

**C6. Tender Exchange Rate**

Provide the exchange rate used for this tender, as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

**C7. Specified local content %**

Provide the specified minimum local content requirement for the tender (i.e. 80%), as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MDB) 6.2.

**C8. Tender item number**

Provide the tender item number(s) of the products that have a local content requirement as per the tender specification.

**C9. List of items**

Provide a list of the item(s) corresponding with the tender item number.  
This may be a short description or a brand name.

**Calculation of local content**

**C10. Tender price**

Provide the unit tender price of each item excluding VAT.

**C11. Exempted imported content**

Provide the ZAR value of the exempted imported content for each item, if applicable. These value(s) must correspond with the value(s) of column D16 on Annexure D.

**C12. Tender value net of exempted imported content**

Provide the net tender value of the item, if applicable, by deducting the exempted imported content (C11) from the tender price (C10).

**C13. Imported value**

Provide the ZAR value of the items' imported content.

**C14. Local value**

Provide the local value of the item by deducting the Imported value (C13) from the net tender value (C12).

**C15. Local content percentage (per item)**

Provide the local content percentage of the item(s) by dividing the local value (C14) by the net tender value (C12) as per the local content formula in SATS 1286.

**Tender Summary**

**C16. Tender quantity**

Provide the tender quantity for each item number as per the tender specification.

**C17. Total tender value**

Provide the total tender value by multiplying the tender quantity (C16) by the tender price (C10).

**C18. Total exempted imported content**

Provide the total exempted imported content by multiplying the tender quantity (C16) by the exempted imported content (C11). These values must correspond with the values of column D18 on Annexure D.

**C19. Total imported content**

Provide the total imported content of each item by multiplying the tender quantity (C16) by the imported value (C13).

**C20. Total tender value**

Total tender value is the sum of the values in column C17.

**C21. Total exempted imported content**

Total exempted imported content is the sum of the values in column C18. This value must correspond with the value of D19 on Annexure D.

**C22. Total tender value net of exempted imported content**

The total tender value net of exempt imported content is the total tender value (C20) less the total exempted imported content (C21).

**C23. Total imported content**

Total imported content is the sum of the values in column C19. This value must correspond with the value of D53 on Annexure D.

**C24. Total local content**

Total local content is the total tender value net of exempted imported content (C22) less the total imported content (C23). This value must correspond with the value of E13 on Annexure E.

**C25. Average local content percentage of tender**

The average local content percentage of tender is calculated by dividing total local content (C24) by the total tender value net of exempted imported content (C22).



#### 4. ANNEXURE D

##### 4.1. Guidelines for completing Annexure D: “Imported Content Declaration – Supporting Schedule to Annexure C”

*Note: The paragraph numbers correspond to the numbers in Annexure D.*

**D1. Tender number**

Supply the tender number that is specified on the specific tender documentation.

**D2. Tender description**

Supply the tender description that is specified on the specific tender documentation.

**D3. Designated products**

Supply the details of the products that are designated in terms of this tender (i.e. buses).

**D4. Tender authority**

Supply the name of the tender authority.

**D5. Tendering entity name**

Provide the tendering entity name (i.e. Unibody Bus Builders (Pty) Ltd).

**D6. Tender exchange rate**

Provide the exchange rate used for this tender, as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

**Table A. Exempted Imported Content**

**D7. Tender item number**

Provide the tender item number(s) of the product(s) that have imported content.

**D8. Description of imported content**

Provide a list of the exempted imported product(s), if any, as specified in the tender.

**D9. Local supplier**

Provide the name of the local supplier(s) supplying the imported product(s).

**D10. Overseas supplier**

Provide the name(s) of the overseas supplier(s) supplying the exempted imported product(s).

**D11. Imported value as per commercial invoice**

Provide the foreign currency value of the exempted imported product(s) disclosed in the commercial invoice accepted by the South African Revenue Service (SARS).

**D12. Tender exchange rate**

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

**D13. Local value of imports**

Convert the value of the exempted imported content as per commercial invoice (D11) into the ZAR value by using the tender exchange rate (D12) disclosed in the tender documentation.

**D14. Freight costs to port of entry**

Provide the freight costs to the South African Port of the exempted imported item.

**D15. All locally incurred landing costs and duties**

Provide all landing costs including customs and excise duty for the exempted imported product(s) as stipulated in the SATS 1286:2011.

**D16. Total landed costs excl VAT**

Provide the total landed costs (excluding VAT) for each item imported by adding the corresponding item values in columns D13, D14 and D15. These values must be transferred to column C11 on Annexure C.

**D17. Tender quantity**

Provide the tender quantity of the exempted imported products as per the tender specification.

**D18. Exempted imported value**

Provide the imported value for each of the exempted imported product(s) by multiplying the total landed cost (excl. VAT) (D16) by the

tender quantity (D17). The values in column D18 must correspond with the values of column C18 of Annexure C.

**D19. Total exempted imported value**

The total exempted imported value is the sum of the values in column D18. This total must correspond with the value of C21 on Annexure C.

**Table B. Imported Directly By Tenderer**

**D20. Tender item numbers**

Provide the tender item number(s) of the product(s) that have imported content.

**D21. Description of imported content:**

Provide a list of the product(s) imported directly by tender as specified in the tender documentation.

**D22. Unit of measure**

Provide the unit of measure for the product(s) imported directly by the tenderer.

**D23. Overseas supplier**

Provide the name(s) of the overseas supplier(s) supplying the imported product(s).

**D24. Imported value as per commercial Invoice**

Provide the foreign currency value of the product(s) imported directly by tenderer disclosed in the commercial invoice accepted by the South African Revenue Service (SARS).

**D25. Tender rate of exchange**

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

**D26. Local value of imports**

Convert the value of the product(s) imported directly by the tenderer as per commercial invoice (D24) into the ZAR value by using the tender exchange rate (D25) disclosed in the tender documentation.

**D27. Freight costs to port of entry**

Provide the freight costs to the South African Port of the product(s) imported directly by the tenderer.

**D28. All locally incurred landing costs and duties**

Provide all landing costs including customs and excise duty for the product(s) imported directly by the tenderer as stipulated in the SATS 1286:2011.

**D29. Total landed costs excl VAT**

Provide the total landed costs (excluding VAT) for each item imported directly by the tenderer by adding the corresponding item values in columns D26, D27 and D28.

**D30. Tender quantity**

Provide the tender quantity of the product(s) imported directly by the tenderer as per the tender specification.

**D31. Total imported value**

Provide the total imported value for each of the product(s) imported directly by the tenderer by multiplying the total landed cost (excl. VAT) (D29) by the tender quantity (D30).

**D32. Total imported value by tenderer**

The total value of imports by the tenderer is the sum of the values in column D31.

**Table C. Imported by Third Party and Supplied to the Tenderer**

**D33. Description of imported content**

Provide a list of the product(s) imported by the third party and supplied to the tenderer as specified in the tender documentation.

**D34. Unit of measure**

Provide the unit of measure for the product(s) imported by the third party and supplied to tenderer as disclosed in the commercial invoice.

**D35. Local supplier**

Provide the name of the local supplier(s) supplying the imported product(s).

**D36. Overseas supplier**

Provide the name(s) of the overseas supplier(s) supplying the imported products.

**D37. Imported value as per commercial invoice**

Provide the foreign currency value of the product(s) imported by the third party and supplied to the tenderer disclosed in the commercial invoice accepted by SARS.

**D38. Tender rate of exchange**

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

**D39. Local value of imports**

Convert the value of the product(s) imported by the third party as per commercial invoice (D37) into the ZAR value by using the tender exchange rate (D38) disclosed in the tender documentation.

**D40. Freight costs to port of entry**

Provide the freight costs to the South African Port of the product(s) imported by third party and supplied to the tenderer.

**D41. All locally incurred landing costs and duties**

Provide all landing costs including customs and excise duty for the product(s) imported by third party and supplied to the tenderer as stipulated in the SATS 1286:2011.

**D42. Total landed costs excluding VAT**

Provide the total landed costs (excluding VAT) for each product imported by third party and supplied to the tenderer by adding the corresponding item values in columns D39, D40 and D41.

**D43. Quantity imported**

Provide the quantity of each product(s) imported by third party and supplied to the tenderer for the tender.

**D44. Total imported value**

Provide the total imported value of the product(s) imported by third party and supplied to the tenderer by multiplying the total landed cost (D42) by the quantity imported (D43).

**D45. Total imported value by third party**

The total imported value from the third party is the sum of the values in column D44.

**Table D. Other Foreign Currency Payments**

**D46. Type of payment**

Provide the type of foreign currency payment. (i.e. royalty payment for use of patent, annual licence fee, etc).

**D47. Local supplier making the payment**

Provide the name of the local supplier making the payment.

**D48. Overseas beneficiary**

Provide the name of the overseas beneficiary.

**D49. Foreign currency value paid**

Provide the value of the listed payment(s) in their foreign currency.

**D50. Tender rate of exchange**

Provide the exchange rate used for this tender as per the Standard Bidding Document (SBD) and Municipal Bidding Document (MBD) 6.2.

**D51. Local value of payments**

Provide the local value of each payment by multiplying the foreign currency value paid (D49) by the tender rate of exchange (D50).

**D52. Total of foreign currency payments declared by tenderer and/or third party**

The total of foreign currency payments declared by tenderer and/or a third party is the sum of the values in column D51.

**D53. Total of imported content and foreign currency payment**

The total imported content and foreign currency payment is the sum of the values in column D32, D45 and D52. This value must correspond with the value of C23 on Annexure C.

## **5. ANNEXURE E**

### **5.1. Guidelines to completing Annexure E: “Local Content Declaration-Supporting Schedule to Annexure C”**

*The paragraph numbers correspond to the numbers in Annexure E*

#### **E1. Tender number**

Supply the tender number that is specified on the specific tender documentation.

#### **E2. Tender description**

Supply the tender description that is specified on the specific tender documentation.

#### **E3. Designated products**

Supply the details of the products that are designated in terms of this tender (for example, buses/canned vegetables).

#### **E4. Tender authority**

Supply the name of the tender authority.

#### **E5. Tendering entity name**

Provide the tendering entity name (for example, Unibody Bus Builders (Pty) Ltd) Ltd).

#### **Local Goods, Services and Works**

#### **E6. Description of items purchased**

Provide a description of the items purchased locally in the space provided.

#### **E7. Local supplier**

Provide the name of the local supplier that corresponds to the item listed in column E6.

#### **E8. Value**

Provide the total value of the item purchased in column E6.

**E9. Total local products (Goods, Services and Works)**

Total local products (goods, services and works) is the sum of the values in E8.

**E10. Manpower costs:**

Provide the total of all the labour costs accruing only to the tenderer (i.e. not the suppliers to tenderer).

**E11. Factory overheads:**

Provide the total of all the factory overheads including rental, depreciation and amortisation for local and imported capital goods, utility costs and consumables. (Consumables are goods used by individuals and businesses that must be replaced regularly because they wear out or are used up. Consumables can also be defined as the components of an end product that are used up or permanently altered in the process of manufacturing, such as basic chemicals.)

**E12. Administration overheads and mark-up:**

Provide the total of all the administration overheads, including marketing, insurance, financing, interest and mark-up costs.

**E13. Total local content:**

The total local content is the sum of the values of E9, E10, E11 and E12. This total must correspond with C24 of Annexure C.





## PA-36: DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

### 1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand  
y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) on the date of advertisement of the bid as indicated in paragraph 3.1 below.

**The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.**



**PA36: Declaration Certificate for Local Production and Content for Designated Sectors.**

(This form has been aligned with NT - SBD 6.2)

1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

**2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
Steel Value-added Products	100%
Plastic Pipes/ PVC pipes	100%
Wire Products	100%
Wire Products	80%
Switchgears	5%
	%
	%
	%

3. Does any portion of the goods or services offered have any imported content?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on [www.resbank.co.za](http://www.resbank.co.za)

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.



**PA36: Declaration Certificate for Local Production and Content for Designated Sectors.**

*(This form has been aligned with NT - SBD 6.2)*

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

**LOCAL CONTENT DECLARATION**  
**(REFER TO ANNEX B OF SATS 1286:2011)**

**LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)**

**IN RESPECT OF BID NO.** .....

**ISSUED BY:** (Procurement Authority / Name of Institution):  
.....

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on [http://www.thedti.gov.za/industrial\\_development/ip.jsp](http://www.thedti.gov.za/industrial_development/ip.jsp). Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, ..... (full names),  
do hereby declare, in my capacity as .....  
of .....(name of bidder  
entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
  - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer". Page 3 of 4



**PA36: Declaration Certificate for Local Production and Content for Designated Sectors.**

*(This form has been aligned with NT - SBD 6.2)*

- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

**If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.**

**The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 3.1 above and the information contained in Declaration D and E.**

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

**SIGNATURE:** \_\_\_\_\_

**WITNESS No. 1** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**WITNESS No. 2** \_\_\_\_\_

**DATE:** \_\_\_\_\_

Annex C

Local Content Declaration - Summary Schedule

(C1) Tender No.  
 (C2) Tender description:  
 (C3) Designated product(s)  
 (C4) Tender Authority:  
 (C5) Tendering Entity name:  
 (C6) Tender Exchange Rate:  
 (C7) Specified local content %

Note: VAT to be excluded from all calculations

PKR  EU  GBP

Tender item no's	List of Items	Tender price - each (excl VAT)	Calculation of local content			Tender summary		
			Exempted imported value (C11)	Imported value (C13)	Local value (C14)	Local content % (per item) (C15)	Total tender value (C17)	Total exempted imported content (C18)
(C8)	Fabricated Structural Steel							
17	Intermediate Fencing Posts					100%	88	
18	Straining Fencing Posts					100%	18	
19	Topping					100%	268	
20	Fencing Panels					100%	80	
23	MOTOR VEHICLE GATES					100%	2	
24	PEDESTRIAN GATE					100%	2	
25	Pedestrian Gate Posts					100%	2	
26	MANUAL DOUBLE LEAF SWING					100%	2	
27	Gate Pad bolt					100%	2	
28	Cane Bolts					100%	4	
29	Cane Bolt Catches					100%	8	
32	Gate Posts and Hinges					100%	5	
33	PEDESTRIAN GATE					100%	1	
34	Gate Pad bolt					100%	2	
35	Chain and Padlock					100%	2	
36	Cane Bolts					100%	3	
37	Cane Bolt Catches					100%	3	
40	Gate Posts and Hinges					100%	3	
47	Steel Galvanised Pole					100%	9	
60	Plastic Pipes					100%	250	
61	cable conduit (duct), coupling, cable conduit (duct), coupling,					100%	150	
42	Electrical and telecom cables					80%	112	
63	2.5mm suffix cable					80%	150	
62	6mm <sup>2</sup> x 1000/600V, A Cone					80%	250	
50	Air Insulated MV Switchgear					5%	9	
51	6kA curve Mini or Din Rail					5%	2	
52	Earth Leakage Protection					5%	2	
53	6kA curve Mini or Din Rail					5%	6	
54	Earth Leakage Protection					5%	1	
55	Surge Protection Device Clip-In					5%	1	
56	Low Voltage MCCB Thermal					5%	1	
57	3 x pole auxiliary contactor					5%	4	
58	Supply and install Day/Night					5%	4	

(C20) Total tender value  
 (C21) Total Exempt imported content  
 (C22) Total Tender value net of exempt imported content  
 (C23) Total Imported content  
 (C24) Total local content  
 (C25) Average local content % of tender

Signature of tenderer from Annex B

Date:





TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
	<b>SECTION A:</b>				
1	<b>GENERAL REQUIREMENTS AND PREPARATION WORK</b>				
2	<b>TAKING POSSESSION:</b> The successful Tenderer will be required to take possession of the property on notification of acceptance of his tender. Any loss or damage to the property after that date will be to the account of the Contractor and on no account will any claim for compensation be entertained in connection with any loss or damage.	Item			
	2208				
3	<b>PLANT, ETC.:</b> The Contractor shall provide all necessary labour, plant and transport for the carrying out of the work in a satisfactory manner and to the satisfaction of the Representative/Agent.	Item			
	2210				
4	<b>MAKING GOOD:</b> The Contractor must make good in all trades to any adjacent work damaged or disturbed through the demolitions with all the necessary new materials to match and leave complete and perfect in every respect.	Item			
	2211				
5	<b>REGULATIONS:</b> The Contractor shall comply with all Government, Local Management, Occupational Health and Safety and other regulations, governing the demolition of buildings, and shall pay all fees legally payable and shall make provision for such amounts in his tender.  EPWP Provisioning of OHS compliance (Provisioning of EPWP labelled Overalls, EPWP labelled hardhats and safety boots) and monthly administration. Payment to only be given on submission of proof of purchases having been made	item			
	<b>SECTION A GENERAL REQUIREMENTS AND PREPARATION WORK</b>				
<b>SECTION A TOTAL</b>					



TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	C
	<p><b>SECTION B:</b></p> <p><b>FENCING &amp; GATES</b></p> <p><b>NOTES</b></p> <p><i>Pricing</i> The tenderer is advised to visit the site before pricing this section to acquaint him with the site conditions.</p> <p><i>Installation</i> Installation of all fencing and gates must be in accordance to manufacturer's specifications and applicable drawings. Discrepancies in the drawing and specification should brought to the attention of the Project Manager</p> <p><i>Samples</i> <b>BIDDERS WILL BE REQUIRED TO BRING A SAMPLE(S) OF THE FENCING TO PM FOR APPROVAL AND IT SHALL BE KEPT UNTIL WORKS ARE COMPLETED.</b></p> <p><b>FENCING</b> <i>steel mash fence</i> All steel materials shall be of good commercial quality, ALL STEEL COMPONENTS OF THE WIRE MESH FENCE SHALL HAVE OT DIP GALVANIZED SANS 121/14713 AND ANTI CORROSION BOND COATED TO MANUFACTURERS SPECIFICATION</p> <p>All posts and welded frames shall have a HOT DIPPED GALVANIZED AND ANTI CORROSION BOND COATING, one piece without joints. All posts shall include furnish moisture proof caps for all</p> <p>MISCELLANEOUS MATERIAL SHALL BE HOT DIPPED GALVANIZED AND ANTI CORROSION BOND COATED</p> <p><b>NOTES</b> <i>Pre-cast fencing</i> All pre cast materials shall be of good commercial quality</p>				
<b>PAGE TOTAL</b>				<b>NO PRICE</b>	

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
6	<b>GENERAL SITE WORKS (PROVISIONAL)</b> <b>NOTES</b>  Allow backfill, compacting and tidy up of all excavation. All excavations are for all types of soil (Hard rock Soft Rock, etc.)  <u>Setting Out</u>				
7	Set out and excavation of fence concrete sill/edge wall 200mm wide and 400mm deep running the whole perimeter of wire mesh and pre cast fence	m	268		
8	Set out and excavation of bases for steel mesh fence posts and precast fence post 450mm wide 450mm length and 600mm deep	no	146		
9	Set out and excavation of bases for the posts of all gates 500mm wide 500mm length and 750mm deep	no	14		
	<u>Reclamation of disturbed areas:</u>				
10	Cutting and removal of tree branches of all sizes, stump and upper roots etc.	no	4		
11	Shaping, levelling and vegetation of areas from which light structures have been removed	m2	50		
12	Dozing of remaining tree roots and underneath soil and cutting of roots.	m2	50		
13	Load and haul of rubble within a 100 km radius	m3	50		
	<u>Concrete Bases</u>				
14	unreinforced 25mpa/19mm concrete bases casted against excavated surfaces 450mm wide 450mm in length 600mm deep for steel mash fence posts and pre-cast fence posts, straining posts	no	146		
15	unreinforced 25mpa/19mm concrete bases casted against excavated surfaces 500mm wide 500mm in length 750mm deep for steel mash fence posts and pre-cast fence posts, straining posts	no	14		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	C
16	<p><u>Concrete Edge Wall</u> unreinforced 25mpa/19mm edge wall 200mm wide and 400mm deep running the whole perimeter of fence, finished on top with wooden float before the concrete has set. Form expansion joint, every 4,5m</p> <p><b>STEEL MASH FENCING</b></p> <p><b>NOTES</b> <i>STEEL MASH FENCING</i> <i>Fixing of Panels</i> ALL STEEL MASH FENCE COMPONENTS (BOLTS, BRACKETS, POSTS, FENCE PANELS, ETC.) ARE TO BE HOT DIP GALVANIZED SANS 121/14713 AND ANTI CORROSION BOND COATED</p> <p>Panels shall be secured to posts with steel brackets secured in position with tamper free bolts to size and specification of manufacturer.</p> <p>Brackets and securing bolts shall be on the inside face of the fence to avoid any possible tampering from the public.</p> <p>Bottom strand of fence wire to be securely fastened to edge walling with clips or brackets at 150mm centres as per manufacturers specification.</p>	m	268		
17	<p><u>Intermediate Fencing Posts</u> 2500mm High above ground level fence post to be constructed from 80 x 80 x 3mm thick, or other approved, Hot dipped galvanized and anti-corrosion bond coated steel to be placed at 2500mm centres and buried 600mm into the ground, including Polymer water proof cap</p>	No	88		
18	<p><u>Straining Fencing Posts</u> 2500mm High above ground level Fence Post to be constructed from rectangular sections. 100mmx100mm3mm , or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel, and to be placed at 30m intervals and buried 750mm into the ground, Including all necessary fixing accessories as per manufacturer specification.</p>	No	18		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	C
19	<u>Topping (provisional)</u> 3mm thick, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals including attachment accessories	m	268		
20	<u>Fencing Panels (Provisional)</u> Put in place between posts as constructed, evenly sized fencing panels in accordance to measurements. Panel wire meshing to be constructed of 4mm diameter welded HHot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mesh vertical and horizontal wire with apertures of 12.7 x 76.2mm, or other approved, and constructed to size and material as follows:  Panel Height: 2400mm Panel Width: Standard panel 2500mm however allow for custom panels to fit boundary dimensions Panel width measurements to be verified on site prior to construction  <b>HEAVY DUTY PRECAST CONCRETE WALLING (provisional)</b>  <b>NOTES</b> <i>Pre Cast items</i> precast items to be a minimum of 20-24 mpa at 28 days and must be. Installation of must be in accordance to manufacturer's specifications and applicable drawings. Discrepancies in the drawing and specification should brought to the attention of the Project Manager  <u>Posts</u>	No	80		
21	<u>Posts</u> 150x220mm, or other approved, Standard H section post in 2500mm above ground wall buried in 450x450x600mm deep concrete bases Measured else where) grouted with sand/cement screed or other specified	No	40		
22	<u>Slabs</u> 80mm Pre-fabricated concrete panels stacked to 2500mm above ground in high. Panels are to be approximately 1225mm wide and 300mm high, or other approved, grouted with sand/cement screed	m	50		

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
<b>PAGE TOTAL</b>					
	<p><b>GATES</b></p> <p><b>NOTES</b>  Gate height shall be aligned to top end of Security Fence construction of vehicular gate must take distance between top end of castors to top end of Security Fence in order for correct measurement of gate height.</p> <p>Gates are to be strongly braced with Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel tubing neatly cut and firmly welded into framework in at evenly spaced horizontal centres.</p> <p>Contractor to check an measurements on site before putting any work in hand</p> <p><b>MOTOR VEHICLE GATES</b></p> <p>23 <i>Framing</i>  4700mm wide by 2400mm high gate panels constructed of 60mmx60mmx3m, or other approved, thick Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel rectangular sections, neatly mitred at angles and firmly welded together to the form</p> <p><i>Penaling</i>  4700mm wide by 2400mm wire mesh constructed of Horizontal and vertical 4mm dia. Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated steel wire meshing, as that of fence wash and panels, both gate frame work and cover meshing. constructed with apertures of 12.7 x 76.2mm.</p> <p><i>Gate topping</i>  Top of gate to receive a 3mm thick, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals, place on the 4700mm width of the gate, including attachment accessories</p>				
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
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	<p><i>Gate Posts</i> Form opening in positions as indicated for Motor Vehicle gate with posts placed at 4735mm centres from each other. Construction of posts to be constructed from 100 x 100 x 3mm, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel including Polymer water proof cap</p> <p><i>Motorized Gate Frame</i> Motorized vehicle gates as mentioned, are to be constructed of 60mmx60mmx3mm, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated steel rectangular sections, neatly mitred at angles and firmly welded together to the form and sizes. Provide gates with two sets of heavy-duty castors and four set of sliding gate track sweepers neatly welded to the underside of gates</p> <p><i>Sliding gate rail and castors</i> Provide and fit 9m long Hot Dip Galvanized SANS 121/14713 safety guide rail embedded on concrete ground beam for sliding gate mounting as per manufacturer's specification complete with all necessary fittings installed on 400mm wide by 400mm deep reinforced concrete ground beam along gate opening for safety railing mounting.</p> <p><i>Locks</i> Gate to come complete with pedlockable locks neatly welded to gate frame and gate posts</p>	NO	2		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
	<b>PEDESTRIAN GATE</b>				
24	<p><i>Framing</i> 1400mm wide by 2400mm high Pedestrian gates as indicated on the drawing/s or as mentioned, are to be constructed of 60mmx60mmx3m, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel neatly mitred at angles and firmly welded together to the form. Frame to included a three set of heavy duty hinges welded to gate frame and post. Including a heavy duty pad lockable sliding gate latch neatly welded on the interior side of the gates</p> <p><i>Gate Topping</i> Top of gate to receive a 3mm thick, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals, place on the 1400mm width of the gate, including attachment accessories</p> <p><i>Gate Panelling</i> 1400mm wide by 2400mm high pedestrian gate covered with 4mm dia. vertical and horizontal welded Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated steel wire meshing constructed with apertures of 12.7 x 76.2mm as that for fence panels</p> <p><i>Locks</i> Gate to come complete with pedlockable locks neatly welded to gate frame and gate posts</p> <p><u>Pedestrian Gate Posts</u></p>	No	2		
25	<p>Two set of gate posts to be constructed from 100 x 100 x 3mm, or other approved, thick Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel including Polymer water proof caps,</p> <p>One post to have two set of heavy duty hinges, for pedestrian gate as mentioned, neatly welded and Heavy duty sliding latch whole welded, as mentioned neatly welded on the interior side of gate post</p>	No	2		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
	<b>MANUAL DOUBLE LEAF SWING GATE</b>				
26	<p>Measurement contractor to check measurements on site, the same against drawing and confirm with Project Manager before putting any work in hand</p> <p>Gate height shall be aligned to top end of Security Fence construction of vehicular gate must take distance between top end of castors to top end of Security Fence in order for correct measurement of gate height.</p> <p>Framing Each gate leaf is to be approximately 2500mm wide</p> <p>Each gate leaf frame as indicated on the drawing/s and mentioned, are to be constructed of 60mmx60mmx3mm, or other approved, thick Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated rectangular sections, neatly mitred at angles and firmly welded together with cross bracing, as else mentioned, to the form and sizes shown or described.</p> <p>Provide and fit each leaf of gates with two openings for padlock chains, each formed with 60mmx60mmx3mm of Dip Galvanized SANS 121/14713 and anti-corrosion bond coated rectangular sections mild steel bars neatly bent to the form and size shown and each firmly welded on to inside of</p> <p>Each gate leaf is to be Cross Braced with the same sized Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated rectangular sections, neatly cut and firmly welded into framework.</p> <p>Provide and fit each leaf of gates with two openings for padlock chains, each formed with 60mmx60mmx3mm galvanised mild steel bars neatly bent to the form and size shown and each firmly welded on to inside of framework</p>				
<b>PAGE TOTAL</b>					



TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
	<p><i>Gate Topping</i> Top of gate to receive a 3mm thick, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals, place top of each of the swing gate leaf approximately the 2500mm width of the gate, including attachment accessories</p> <p><i>Gate Panelling</i> Each gates leaf to approximately be 2500mm wide by 2400mm high, each gate leaf to be covered with Hot dipped galvanized and anti-corrosion bond coated corrugated iron sheets 3mm thick, or other approved, bolted to gate frame and neatly cut around openings for padlock</p>	No	2		
27	<b>LOCKS AND HINGES</b>				
	<p><u>Gate Pad bolt</u> Heavy duty Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated pad lockable Pad bolt welded to interior of double leaf of swing gates</p>	No	2		
28	<p><u>Cane Bolts</u> Heavy Duty Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated Cane Bolt Gate Drop Rod set neatly welded on the interior side of each leaf of swing gate</p>	No	4		
29	<p><u>Cane Bolt Catches</u> Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated Metal Ground catches for cane bolts mounted in to concrete bases measured elsewhere</p>	No	8		
30	<p><u>Concrete Edge Wall</u> 150mm wide, 5000mm long and 200mm deep 25Mpa/19mm cement bases for fitting of two Metal Ground catches for cane bolts, measured else where, positioned at the gate's closing position</p>	No	2		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
31	<p><u>Concrete Bases</u> 150mm wide, 150mm long and 200mm deep 25Mpa/19mm cement bases for fitting of Metal Ground catches for cane bolts, measured else where, positioned at gate opening position.</p>	No	4		
32	<p><u>Gate Posts and Hinges</u>  two sets of 2500mm High above ground level gate posts to be constructed from 150 x 150 x 5mm, or other approved, thick Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel, including Polymer water proof caps with two set of Hot dipped galvanized and anti-corrosion bond coated Heavy duty adjustable gate hinges with anti-theft bolts on each posts. Posts to be embedded into 450mmx450mm760mm concrete bases, measured else where</p>	No	5		
<b>PEDESTRIAN GATE</b>					
33	<p><u>Gate Framing</u> Pedestrian gates are to be constructed of 80mmx80mmx3mm thick Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel rectangular sections, neatly mitred at angles and firmly welded together to the form, including two Heavy duty adjustable gate hinges with anti-theft bolts.</p> <p><u>Gate Panelling</u> 1400mm wide by 2400mm high pedestrian gate covered with Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated corrugated iron sheets 3mm thick neatly bolted to gate framing</p> <p><u>Gate Topping</u> Top of gate to receive a 3mm thick, or other approved, HHot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals, place top of gate approximately the 1500mm in width of the gate, including attachment accessories</p>	No	1		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
34	<b>LOCKS AND HINGES</b>  <u>Gate Pad bolt</u> Heavy duty Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated pad bolt gate locking set welded to exterior side of gate	No	2		
35	<u>Chain and Padlock</u> Supplying of 10mm Galvanised Chain 2m long industrial grate change with 90mm Stainless Steel Heavy Duty padlock	no	2		
36	<u>Cane Bolts</u> Heavy Duty Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated coated Cane Bolt Gate Drop Rod set attached on the exterior side of gate	No	3		
37	<u>Cane Bolt Catches</u> Hot dipped galvanized and anti-corrosion bond coated Metal Ground catches for cane bolts	No	6		
38	<u>Concrete Edge Wall</u> 150mm wide,1400mm long and 200mm deep 25Mpa/19mm cement bases for fitting of two Metal Ground catches for cane bolts, measured else where, positioned at the gate's closing position	No	3		
39	<u>Concrete Bases</u> 150mm wide by 150mm long and 200mm deep cement bases for fitting ground catches in opposite sides for the gate in position.	No	3		
40	<u>Gate Posts and Hinges</u> 2500mm High above ground level gate Post to be constructed from 100 x 100 x 5mm thick, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated buried 760mm into the ground, including Polymer water proof cap with three Heavy duty adjustable gate hinges with anti-theft bolts. Posts to be embedded into 450mmx450mm760mm concrete bases, measured elsewhere	No	3		
	<b>SECTION B FENCING &amp; GATES</b>				
<b>SECTION B TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
<b>SECTION C</b>					
<b>ELECTRICAL INSTALLATION</b>					
<b>ELECTRIC GATE MOTORS</b>					
41	<u>GATE MOTORS</u> Supply and install industrial grade automated electrical motor with Input Voltage: 90 - 240V AC +/- 10%, 50Hz, or better Motor Voltage: 24V DC, or better Gate Motor a minimum Gate Mass of 1000kg, or better  Electrical motor to be programmed to be open and closed from push button switch, measured else where, mounted inside of police station  <i>Including</i> Remote controls with battery backup with fine position control and padlockable antitheft bracket for anti lift devices, motor gate rail way with a length of 5m to be welded to suitable position of sliding gate, measured else were. including crush protection,  Motor to be fixed on top of 500mmX400mmX200mm concrete base	No	2		
42	<u>CABLING AND CABLE PROTECTION</u> Supply and install 2,5mm suffix cable running from DB to electrical motor and push button gate switch	m	112		
43	<u>CABLE PROTECTION (Provisional)</u> Supply and install underground electrical cable 20mm conduit (duct) including coupling, bends, glands, boxes, shrouds, and adaptors.	m	112		
44	<u>GATE SWITCH</u> Supply and install Push button for electrical motor gate open/closing function. Button to be mounted at local to be determined by SAPS officials on site	No	2		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
<b>SECURITY LIGHTS</b>					
45	<u>WALL MOUNTED</u> Supply and install high pressure 100W IP66 energy saving Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated encased LED Flood Light Watts: Light to be properly sealed to prevent any form of water and moisture and to include all attachment accessories (mounting brackets, bolts, etc.)	No	9		
46	<u>PERIMETER/SECURITY LIGHTS</u> Supply and install 125W IP66 LED Ledlume-Midi Streetlight high pressure sodium luminaire with spigot compartment. Light to include all mounting accessories and to be mounted on pole, else where measured	No	9		
<u>STEEL GALVANISED POLE AND CONCRETE BASES</u>					
47	<u>Steel Galvanised Pole</u> Supply and install straight GRP of Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated pole with cable entry hole, access door, gland plate and Spigot and other heavy duty including mounting accessories (Mounting Height:9m)	No	9		
48	<u>Excavation</u> excavate in earth for bases 500mm wide, 500mm long and 1000mm deep  Allow excavation, backfill, compacting and to tidy up of pole excavation. For all types of soil (Hard rock Soft Rock, etc.)	No	9		
49	<u>Concrete bases</u> 25Mpa/19mm Concrete bases 500xmm wide 500 mm long 1000mm deep for galvanised security light posts	No	9		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	C
	<b>CIRCUIT BREAKERS AND SWITCH DISCONNECTOR</b>				
50	Circuit Breaker 6kA curve Mini or Din Rail Mounting (240Vac/50Hz, 1 Pole) 10 Amp.	No	9		
51	Circuit Breakers 6kA curve Mini or Din Rail Mounting (415Vac/50Hz, 3 Pole) 40 Amp.	No	2		
52	Supply and install switch disconnect and circuit breakers 3 or 6KA Mini and DIN Rail Mounting voltages and KA rating in accordance with SANS specification.  Earth Leakage Protection Device without overload protection Mini or Din Rail Mounting (3+N, 3KA, 30mA, 240V/50Hz) 63 Amp	No	2		
53	Circuit Breaker 6kA curve Mini or Din Rail Mounting (240Vac/50H, 1 Pole) 20 Amp.	No	6		
54	Earth Leakage Protection Device with overload protection Mini or Front Mounting (1+N, 110Vac/50H, 30mA) 20 Amp.	No	1		
55	Surge Protection Device Clip-In-Dual Mounting with indication (3+N, 10kA, 8/20 us, 275V).	No	1		
56	Low Voltage MCCB Thermal Magnetic (3+N, 25kA, 500V/50H) 150 Amp.	No	1		
	<b>MOTOR CONTROL</b>				
57	Supply and install 3 x pole auxiliary contactor NO/NC ( 230V, 50/60 H	No	4		
58	Supply and install Day/Night Control Switch (25 Amp, 220-240V AC)	No	4		
	<b><u>CABLING AND WIRING (PROVISIONAL)</u></b>				
59	<b><u>EXCAVATION AND BACKFILLING</u></b> Excavate in earth not deeper then 1m for security and electrical Motor gate cabling, Cables else where measured  Allow excavation, backfill, compacting and to tidy up of pole excavation. For all types of soil (Hard rock Soft Rock, etc.)	m	362		
<b>PAGE TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
<u>CABLING PROTECTION AND ACCESSORIES</u>					
60	Supply and install underground 20mm electrical cable conduit (duct), coupling, bends, glands, boxes, shrouds, and adaptors.	m	250		
61	Supply and install under ceiling 20mm electrical cable conduit (duct), coupling, bends, glands, boxes, shrouds, and adaptors.	m	150		
<u>CABLING AND WIRING</u>					
62	Supply and install 6mm <sup>2</sup> x 1000/600V, 4 Core SWA Armoured cable with copper conductor for Parameter/Security Lights. Buried underground	m	250		
63	Supply and install 2,5mm suffix cable, Cable to ran inside of the ceiling from DB's to wall mounted flood security lights	m	150		
64	<u>CERTIFICATE OF COMPLIANCE</u> ENSURE ELECTRICAL INSTALLATION COMPLY WITH THE REQUIREMENTS OF SANS 10142-1. A REGISTERED PERSON (MASTER INSTALLATION ELECTRICIAN, INSTALLATION ELECTRICIAN OR ELECTRICAL TESTER FOR SINGLE PHASE) WILL ISSUE A CERTIFICATE OF COMPLIANCE TOGETHER WITH A TEST REPORT. A C.O.C WILL ONLY BE VALID WHEN IT ACCOMPANIED BY A TEST REPORT.	no	2		
<i>SECTION C</i>					
<i>ELECTRICAL INSTALLATION</i>					
<b>SECTION C TOTAL</b>					

TOTAL BROUGHT FORWARD					
No	Description	UNIT	QTY	TARIFF	
				R	c
	<b>TOTAL</b>				
A.	<b>SECTION A: GENERAL REQUIREMENTS AND PREPARATION WORK</b>				
B	<b>SECTION B: GENERAL REQUIREMENTS AND PREPARATION WORK</b>				
C	<b>SECTION C ELECTRICAL INSTALLATION</b>				
	<b>TOTAL EXCLUDING VAT</b>				
	<b>VAT</b>		15%		
	<b>TOTAL INCLUDING VAT TO BE CARRIED OVER TO DPW08 FORM OF OFFER</b>				



# PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Tender no: .....

Name of Tenderer .....

EME<sup>1</sup>  QSE<sup>2</sup>  Non EME/QSE (tick applicable box)

**1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.**

Name and Surname #	Identity/ Passport number and Citizenship##	Percentage owned	Black	Indicate if youth	Indicate if woman	Indicate if person with disability	Indicate if living in Rural (R) / Under Developed Area (UD) / Township (T) / Urban (U).	Indicate if military veteran
1.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.		%	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U	<input type="checkbox"/> Yes <input type="checkbox"/> No
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# Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number  
## State date of South African citizenship obtained (not applicable to persons born in South Africa)

<sup>1</sup> EME: Exempted Micro Enterprise  
<sup>2</sup> QSE: Qualifying Small Business Enterprise

# PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

**Tender no:**

**2. DECLARATION:**

**The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:**

- 1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2017, National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;

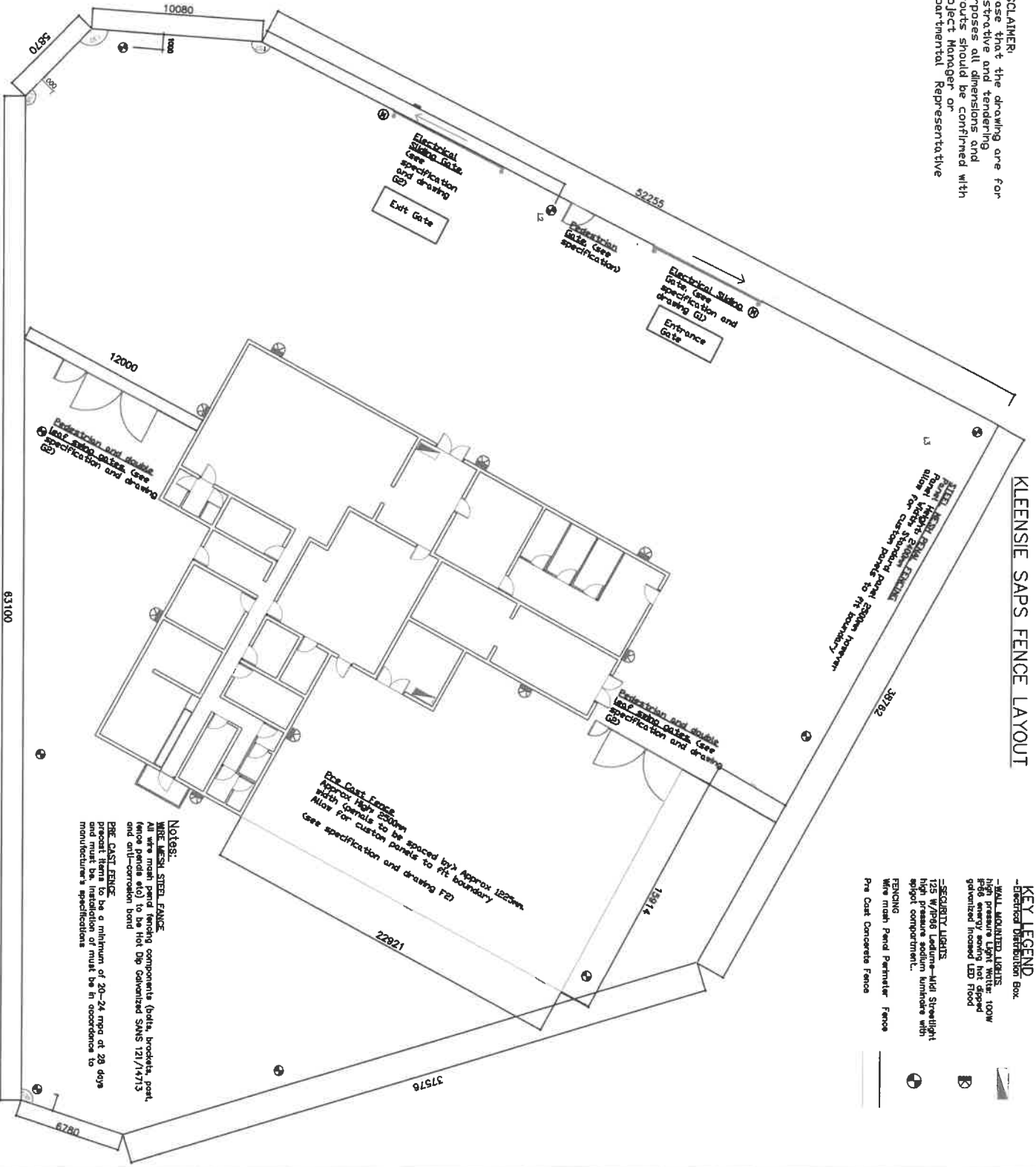
**Signed by the Tenderer**

<b>Name of representative</b>	<b>Signature</b>
	<b>Date</b>

# **DRAWINGS**

DISCLAIMER: Please note that the drawing are for illustrative and tendering purposes all dimensions and layouts should be confirmed with Project Manager or Departmental Representative

**KLEENSIE SAPS FENCE LAYOUT**



**KEY LEGEND**

- Electrical Distribution Box
- WALL MOUNTED LIGHTS
- SECURITY LIGHTS
- FENCING
- Pre Cast Concrete Fence

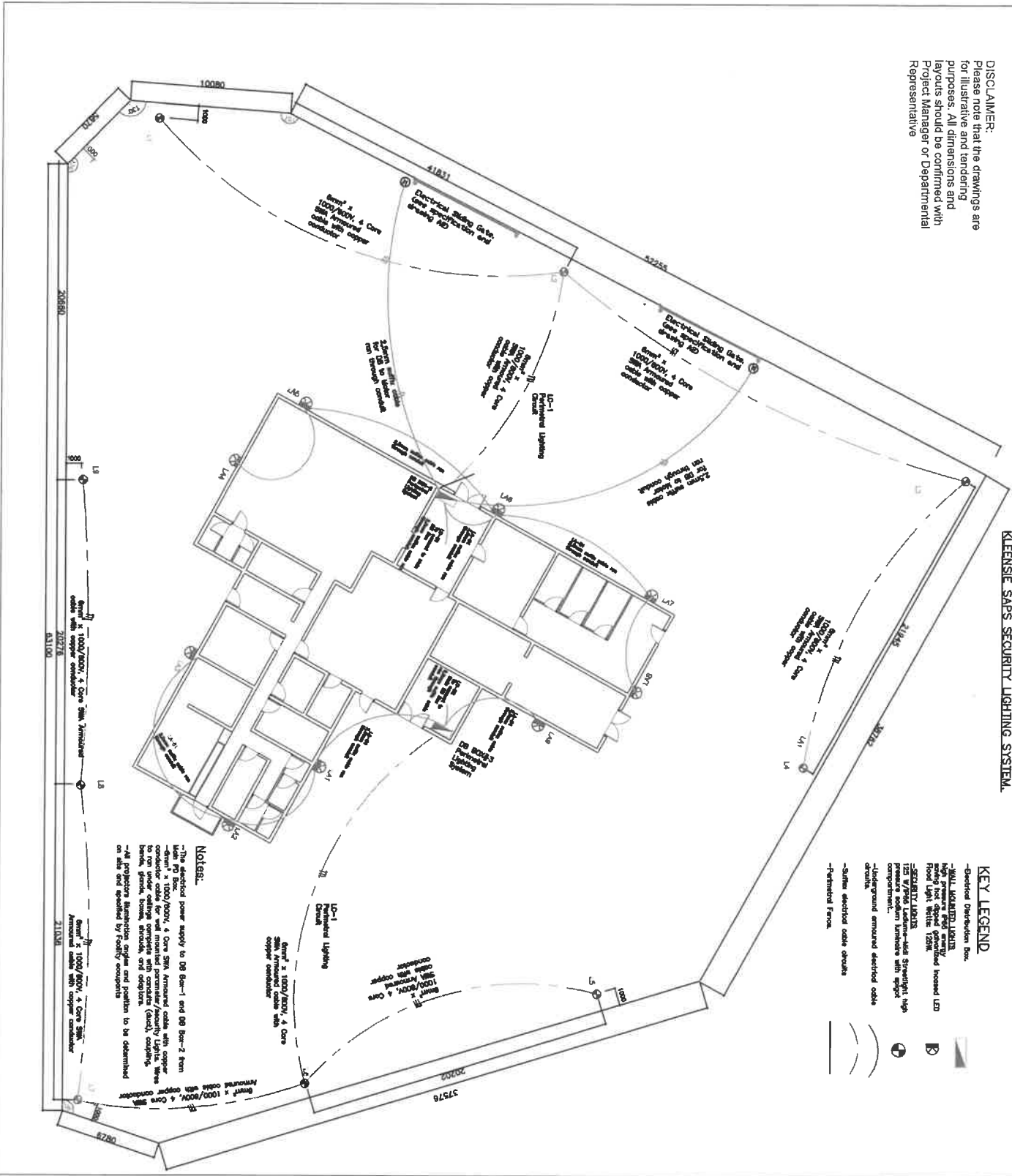
**NOTES:**  
**WIRE MESH STEEL FENCE**  
 All wire mesh panel fencing components (bolts, brackets, post, end caps etc) to be Hot Dip Galvanized SANS 121/14/15 and anti-rust treated.  
**PRE-CAST FENCE**  
 Precast items to be a minimum of 20-24 mpa at 28 days and must be installed in accordance to manufacturer's specifications

**KLEENSE SAPS SECURITY LIGHTING SYSTEM.**

**DISCLAIMER:**  
Please note that the drawings are for illustrative and tendering purposes. All dimensions and layouts should be confirmed with Project Manager or Departmental Representative

**KEY LEGEND**

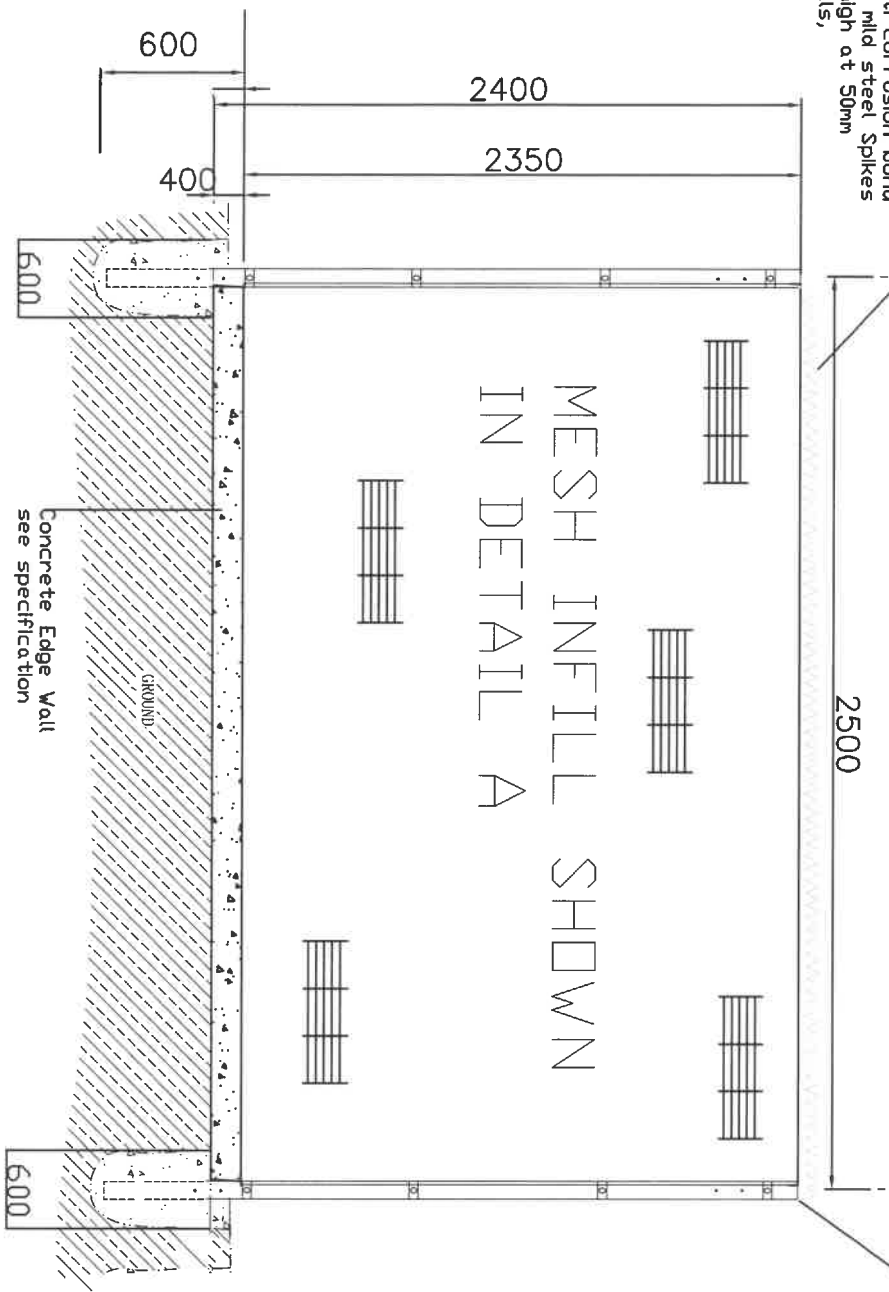
- Electrical Distribution Box.
- WALL MOUNTED LIGHTS
- High Pressure Sodium Flood Light
- Flood Light 150W 120V.
- SECURITY LIGHTS
- 120 W/POW Led Streetlight high pressure sodium luminaire with spike component.
- Underground armored electrical cable
- Surface electrical cable details
- Perimeter Fence



# KLEINZEE SAPS WIRE MESH PENAL

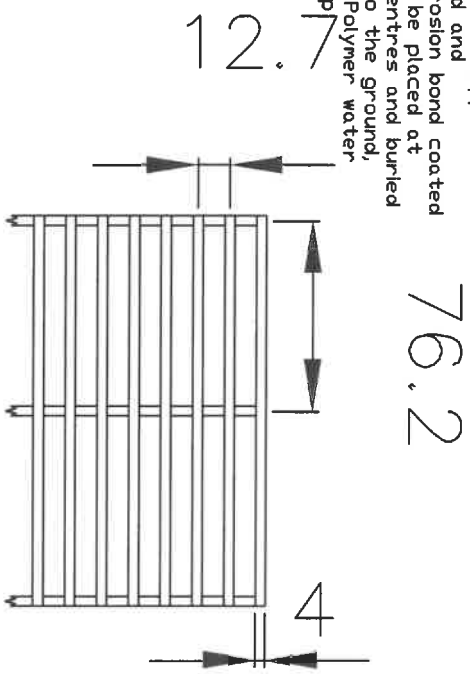
## DRAWING F1

**Topping**  
 3mm thick, or other approved, Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals;



MESH INFILL SHOWN  
 IN DETAIL A

**Posts**  
 2500mm High above ground level fence post to be constructed from 80 x 80 x 3mm thick, or other approved, Hot dipped galvanized and anti-corrosion bond coated steel to be placed at 2500mm centres and buried 600mm into the ground, including Polymer water proof cap

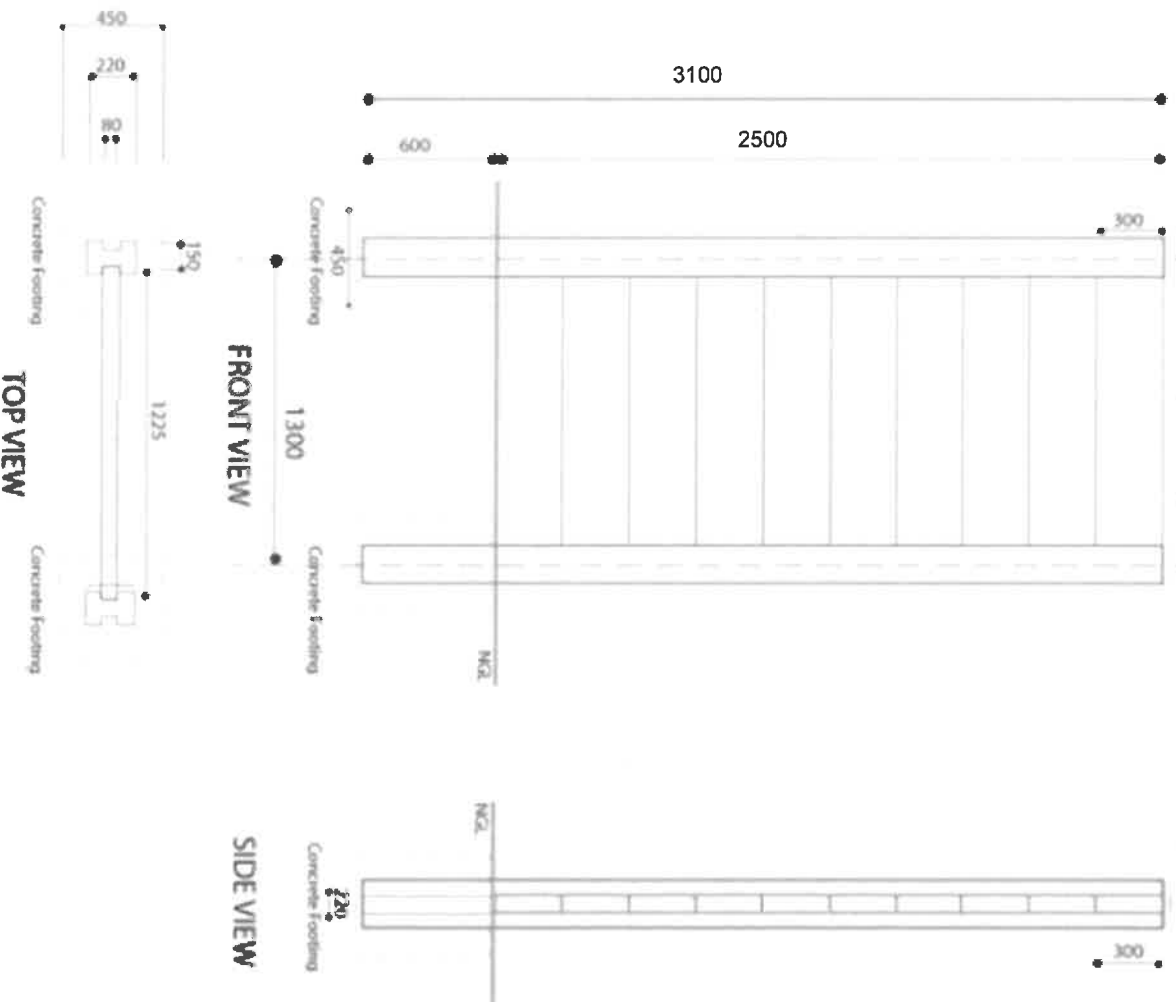


DETAIL A

**Note**  
 All Fencing component to Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated

**DISCLAIMER:**  
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# 2.5m High Heavy Duty Precast Concrete Wall

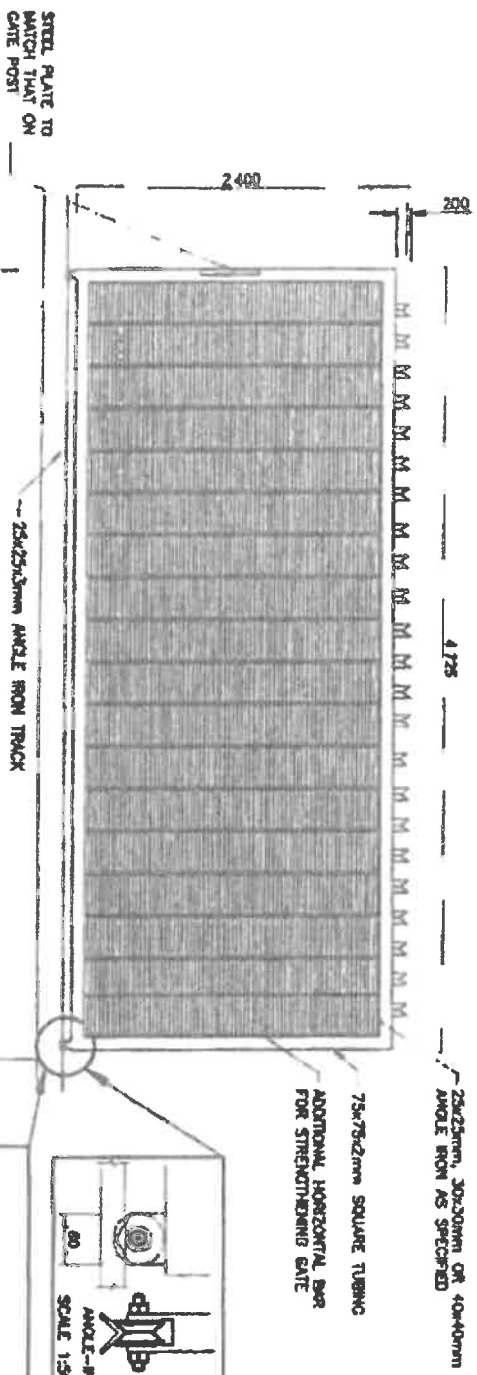


## KLEINZEE SAPS PRE CAST FENCE DRAWING F2

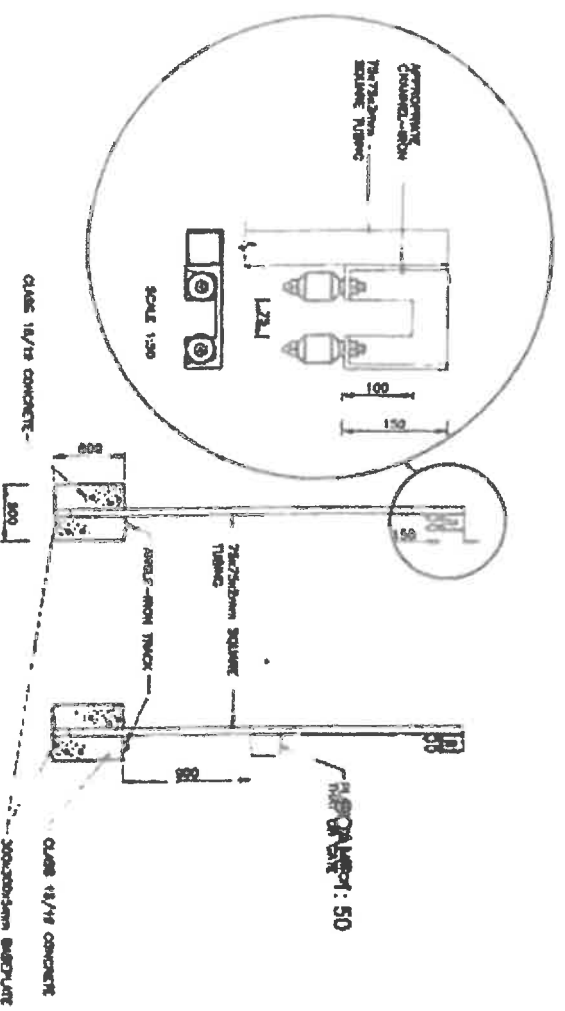
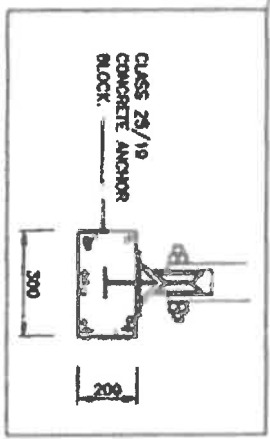
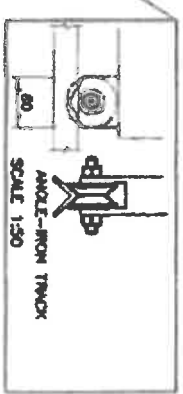
Posts	3100 x 150 x 220
Slabs	1225 x 300 x 80
Concrete	Precast items to be a minimum of 20-24 mpa at 28 days.
Installation	Foundations to be 450 x 450 x 600 deep. Minimum of 15-20 mpa concrete.
	The posts are spaced 1300mm centers.
	The final structure to be grouted with sand / cement screed.
	Drainage as required.

### DISCLAIMER:

Please note that the drawings are for illustrative and tendering purposes. All dimensions and layouts should be confirmed with Project Manager or Departmental Representative



**SLIDING GATE DETAIL**



**GATEPOSTS FOR SLIDING GATE DETAIL**

**KLEINZEE SAPS SLIDING GATE  
DRAWING G1**

**DISCLAIMER:**  
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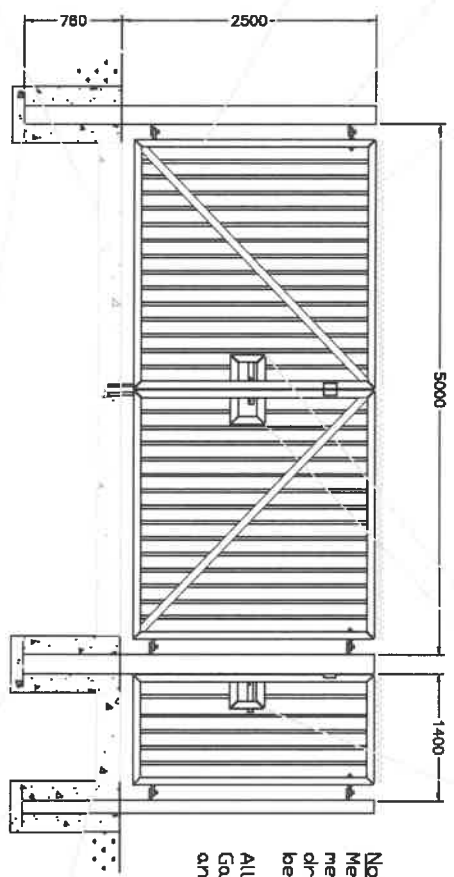
**KLEINZEE SAPS DOUBLE LEAF AND  
PEDESTRIAN GATES  
DRAWING G2**

Topplings  
3mm thick, or other approved, Hot dipped galvanized and anti-corrosion bond coated mild steel Spikes 100mm high at 50mm intervals, place top of each of the swing gate leaf approximately

**GATE LEAF PENALING**  
each gate leaf to be covered with Hot dipped galvanized and anti-corrosion bond coated corrugated Iron sheets 3mm thick, or other approved, bolted to gate frame and neatly cut around openings for padlock

**GATE LEAF FRAMING**  
60mmx60mmx3mm, or other approved, thick Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated rectangular sections, neatly mitered at angles and firmly welded together with cross bracing, as else mentioned, to the form and sizes shown or described

**Concrete Edge Wall**  
150mm wide, 5000mm long and 200mm deep 23Mpa/19mm cement bases for fitting of two Metal Ground catches for cane bolts



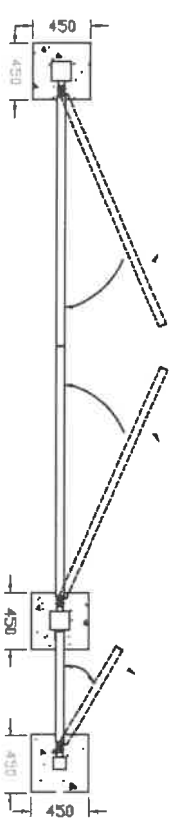
openings for padlock chains Provide and fit each leaf of gates with two openings for padlock chains, each formed with 60mm diameter galvanized mild steel bars neatly bent to the form and size shown and each firmly welded on to inside of framework

**Note**  
Measurement contractor to check measurements on site, the same against drawing and confirm with Project Manager before putting any work in hand

All steel components are to be Hot Dip Galvanized SANS 121/14713 and anti-corrosion bond coated

**Concrete Edge Wall**  
150mm wide, 200mm long and 200mm deep 23Mpa/19mm cement bases for fitting of two Metal Ground catches for cane bolts

**Posts**  
Posts 100x100x5 SHS  
Posts 150x150x5 SHS



**DISCLAIMER:**  
Please note that the drawings are for illustrative and tendering purposes. All dimensions and layouts should be confirmed with Project Manager or Departmental Representative

# **OHS SPECIFICATION**



public works  
& infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

**OCCUPATIONAL HEALTH AND SAFETY**  
**FOR**

**CONSTRUCTION PROJECT:**

***CONSTRUCTION OF SECURITY FENCE AND  
PERIMETER LIGHTING***

***AT***

***Kleinzee SAPS:***

***MANAGED ON BEHALF OF***

***THE DEPARTMENT OF  
PUBLIC WORKS***

***PRINCIPAL CONTRACTOR RECEIPT***

*Received by:*

*Name:*

*Signature:*

*Date:*

*Capacity:*

***OHS MANAGEMENT: WENDY MBOLEKWA***

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- 1. PREAMBLE**
- 2. SCOPE OF HEALTH & SAFETY DOCUMENT**
- 3. PURPOSE**
- 4. DEFINITIONS**
- 5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT**
- 6. RESPONSIBILITIES**
- 7. SCOPE OF WORK**
- 8. HEALTH AND SAFETY FILE**
- 9. RISK ASSESSMENTS**
- 10. HEALTH AND SAFETY POLICY**
- 11. LOCKOUT PROCEDURE**
- 12. ELECTRICAL EMERGENCY RESPONSE PROCEDURE**
- 13. COMPLETED WORK SAFETY CHECKLIST**
- 14. REPORTING OF INCIDENTS**
- 15. HOUSEKEEPING**

## **1. PREAMBLE**

In terms of Construction Regulation 4(1)(a) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and 5(1) construction regulation of 2014, the Department of Public Works, 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 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.

The Client's further duties are as described in The Act and the Regulations made there-under. The Principal Contractor 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 5 as well as the Health and Safety Plan for the project.

## **2. SCOPE OF HEALTH AND SAFETY SPECIFICATION DOCUMENT**

These Specifications should be read in conjunction with the Act, the Construction Regulations and all other Regulations and 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 countermand or nullify any stipulation of the Act, Regulations and Safety Standards which are promulgated under, or incorporated into the Act.

### **2.1 APPLICATIONS AND INTERPRETATION**

This document is to be read and understood in conjunction with the following, inter- alia:

- *Occupational Health and Safety Act 85 of 1993 (OHS Act).*
- *All regulations published in terms of the OHS Act.*
- *Construction Regulations, 2014*
- *SABS codes referred to by the OHS Act.*
- *Contract Documents*
- *Basic Conditions of Employment Act (Act 75 of 1997)*
- *National Environmental Management Act 107 of 1998 and all Regulations*
- *Compensation for Occupational Injuries and Diseases (COID) Act No. 130 of 1993*

### **ABBREVIATIONS**

- OHS : Occupational Health and Safety
- CEO : Chief Executive Officer
- CR : Construction Regulations
- HCS : Hazardous Chemical Substances
- MSDS : Material Safety Data Sheet
- AIA : Approved Inspection Authority
- HBA : Hazardous Biological Agents
- OEL : Occupational Exposure Limit

- CSIR : Council for Scientific and Industrial Research
- H&SS : Health and Safety Specification
- HS&EP : Health, Safety and Environmental Plan
- HS&EF : Health, Safety and Environmental File
- CHSO : Construction Health and Safety Officer

### 3. PURPOSE

The Department is obligated to implement measures to ensure the health and safety of all people and properties affected under its custodianship or contractual commitments, and is further obligated to monitor that these measures are structured and applied according to the requirements of these Health and Safety Specifications.

The purpose of this specification document is to provide the relevant Principal Contractor (and his /her contractor) with any information other than the standard conditions pertaining to construction sites which might affect the health and safety of persons at work and the health and safety of persons in connection with the use of plant and machinery; and to protect 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 during the carrying out of construction work for the Department of Public Works and Infrastructure. The Principal Contractor (and his /her contractor) is to be briefed on the significant health and safety aspects of the project and to be provided with information and requirements

### 4. DEFINITIONS

The following definitions from the Occupational Health and Safety Act are listed as follows:

**“Chief Executive Officer”**

In relation to a body corporate or an enterprise conducted by the State, means the person who is responsible for the overall management and control of the business of such body corporate or enterprise.

**“Danger”**

Means anything that may cause injury or damage to persons or property.

**“Employee”**

Means, subject to the provisions of Subsection (2), any person who is employed by or works for any employer and who receives or is entitled to receive any remuneration or who works under the direction or supervision of an employer or any other person.

**“Employer”**

Means, subject to the provisions of Subsection (2), any person who employs or provides work for any person or remunerates that person or expressly or tacitly undertakes to remunerate him, but excludes a labour broker as defined in Section 1(1) of the Labour Relations Act, 1953 (Act No. 28 of 1956).

**“Healthy”**

Means free from illness or injury attributable to occupational causes.

**“Machinery”**

Means any article or combination of articles assembled, arranged or connected and which is used or intended to be used for converting any form of energy to performing work, or which is used or intended to be used, whether incidental thereto or not, for developing, receiving, storing, containing, confining, transforming, transmitting, transferring or controlling any form of energy.

**“Medical Surveillance”**

Means a planned programme of periodic examination (which may include clinical examinations, biological monitoring or medical tests) of employees by an occupational health practitioner or, in prescribed cases, by an occupational medicine practitioner. Plant Includes fixtures, fittings, implements, equipment, tools and appliances, and anything which is used for any purpose in connection with such plant. Properly Used Means used with reasonable care, and with due regard to any information, instruction or advice supplied by the designer, manufacturer, importer, seller or supplier.

**User**

In relation to plant or machinery, means the person who uses plant or machinery for his own benefit or who has the right of control over the use of plant or machinery, but does not include a lessor of, or any person employed in connection with, the plant or machinery.

**Reasonably Practicable**

Means practicable having regards to: a) the severity and scope of the hazard or risk concerned, b) The state of knowledge reasonably available concerning that hazard or risk and of any means to remove or mitigate that hazard or risk. c) the availability and suitability of means to remove or mitigate that hazard or risk; and d) The cost of removing or mitigating that hazard or risk in relation to the benefits deriving there from.

**“Risk”**

Means the probability that injury or damage will occur.

**“Safe”**

Means free from any hazard.

**“Standard”**

Means any provision occurring: a) in a specification, compulsory specification, code of practice or standard method as defined in Section 1 of the Standards Act, 1993 (Act No. 29 of 1993); OR b) in any specification, code or any other directive having standardization as its aim and issued by an institution or organization inside or outside the Republic which, whether generally or with respect to any particular article or matter and whether internationally or in any particular country or territory, seeks to promote standardisation.

The following definitions from the Construction Regulations are listed as follows:

**“Agent”** – means any person who acts as a representative for a Client;

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

**“Construction Work”** is defined as any work in connection with –

- (a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;

- (b) the installation, erection, dismantling or maintenance of a fixed plant where such work includes the risk of a person falling;
- (c) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or
- (d) the moving of earth, clearing of land, the making of an excavation, piling, or any similar type of work;

**"Health and Safety File"** – means a file, or other record in permanent form, containing the information required a contemplated in the regulations;

**"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;

**"Electrical installation"** means any electrical installation as defined in regulation 1 of the Electrical Installation Regulations, published under Government Notice R.2270 of 11 October 1985;

**"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;

**"Principal Contractor"** – means an employer, as defined in section 1 of the Act who performs construction work and is appointed by the Client to be in overall control and management of a part of or the whole of a construction site;

**"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.

**"Competent person"** – means any person having the knowledge, training, experience and qualifications specific to the work or task being performed: Provided that where appropriate qualifications and training are registered in terms of the provisions of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995), these qualifications and training shall be deemed to be the required qualifications and training.

## **5. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT**

### **5.1. Overall Supervision and Responsibility for OH&S**

The Client and/or its Agent shall ensure that the Principal Contractor implements and maintains the agreed and approved H&S Plan. Failure on the part of the Client or Agent to comply with this requirement will not relieve the Principal Contractor from any one or more of his/her duties under the Act and Regulations.

### **5.2. 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 Act and Regulations. The following competent appointments, where applicable, in terms of the Construction Regulations and other Regulations shall be made to ensure compliance to the Act, Regulations and SANS Standards.



## LEGAL DOCUMENTATION/APPOINTMENTS

The following documents must be provided in the Health and Safety Plan (H&SP):

- Health and Safety Policy signed by CEO or statement of commitment to SHE
- Letter of good standing with the Compensation Commissioner, Federated Employers or similar insurer.
- HSE Organogram (or table), outlining the HSE Team, as well as the appointment(s) they have under the Act and Regulations (reference to specific section/regulation applicable to appointment)
- The competency of each member of the HSE Team must be provided and should include knowledge, training, experience & qualifications specific to the appointment.

Signed copies of the following legal appointments must be provided in the Health, Safety and Environmental Plan:

APPOINTMENT	OHS-ACT / REGULATION REFERENCE
Section 16.2 appointment	Section 16.2
HSE Representative (if necessary)	Section 17(1)
Incident Investigator	GAR 9(2)
First Aiders	GSR 3(4)
Fire Fighters	ER 9 & CR 29
Risk Assessor	HCS Reg (Incl. Asbestos & Lead); CR 9

The following information must be provided in the H&SP:

- Indicate the estimated number of employees to be working on site.
- Indicate the expected number of sub-contractors to be appointed by the Principal Contractor.

The following competent persons, where applicable, shall be appointed in writing by the Principal Contractor, prior to any work being carried out, and shall adhere to the requirements of the specific sub-regulations.

The competency of each of these appointed competent persons must be provided and should include knowledge, training, experience & qualifications specific to the appointment.

APPOINTMENT	OHS-ACT / REGULATION REFERENCE
Construction Manager	CR 8 (1)
Assistant Construction Manager	CR 8 (2)
Construction H&S Officer where applicable	CR 8 (5)
Construction Supervisor	CR 8 (7)
Construction Assistant Supervisor	CR 8(8)
Risk assessor	CR 9(1)
Fall Protection Competent Person	CR 10 (1)
Temporary works competent person	CR12 (2)
Excavation Work Supervisor	CR 13 (1)(a)
Demolition Work	CR 14 (1)
Competent Person (Use of Explosives for Demolition Work)	CR14(11)
Scaffolding Erector/ Team Leader/ Inspector	CR 16 (1)
Suspended platform Competent Person	CR 17(1)
Rope Access Work Competent Person	CR 18 (1) (a)
Material Hoist Competent Person	CR 19(8)(a)
Bulk Mixing Plant Competent Person	CR 20 (1)
Explosive Powered Tools Competent Person	CR 21(2)(b)
Construction Vehicle and Mobile Plant Competent Person	CR23 (1)(d)
Electrical Machinery Competent Person	CR 24 (c)
Stacking and Storage Supervisor	CR 28 (a)
Fire Equipment Inspector	CR 29(h)

**Indicate in the H&SP, which of these listed appointments are applicable to the construction work in question (project specific).**

No work involving any of the listed appointments may be performed without the knowledge and approval of an appointed competent person.

### **5.3 Communication & Liaison**

5.2.1 The Principal Contractor will communicate all health and safety concerns with the DPW Health and Safety Officer.

## **6. RESPONSIBILITIES**

### **6.1 Client/Agent**

6.1.2 The Client/Agent shall discuss and negotiate with the Principal Contractor the contents of the health and safety plan and when compliant, approve the plan.

### **6.2 Principal Contractor**

6.2.1 The Principal Contractor shall accept the appointment under the terms and Conditions of Contract. The 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. Annexure 2 of this construction regulation contains a "Notification of Construction Work" form. The Principal Contractor shall submit the notification in writing prior to commencement of work and inform the Client or his Agent accordingly.

6.2.2 The Principal Contractor shall ensure that he is fully conversant with the requirements of this Specification and all relevant health and safety legislation.

6.2.3 The 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 or any Regulations proclaimed under the Act or which may perceivable be applicable to this contract.

6.2.4 The Principal Contractor shall provide and demonstrate to the Client a suitable and sufficiently documented health and safety plan based on this Specification, the Act and the Construction Regulations, which shall be applied from the date of commencement of and for the duration of execution of the works. This plan shall, as appendices, include the health and safety plans of all Sub-contractors for which he has to take responsibility in terms of this contract.

6.2.5 The Principal Contractor shall provide proof of his registration and good standing with the Compensation Fund or with a licensed compensation insurer prior to commencement with the works.

6.2.6 The Potential Principal Contractor shall, in submitting his tender, demonstrate that he has made provision for the cost of compliance with the specified health and safety requirements, the Act and Construction Regulations. (Note: This shall have to be contained in the conditions of tender upon which a tenderer's offer is based.)

6.2.7 The Principal Contractor shall consistently demonstrate his competence and the adequacy of his resources to perform the duties imposed on the Principal Contractor in terms of this Specification, the Act and the Construction Regulations.

- 6.2.8 The Principal Contractor shall ensure that a copy of his health and safety plan is available on site and is presented upon request to the Client, an Inspector, Employee or Sub-contractor.
- 6.2.9 The Principal Contractor shall ensure that a health and safety file, which shall include all documentation required in terms of the provisions of this Specification, the Act and the Construction Regulations, is opened and kept on site and made available to the Client or Inspector upon request. Upon completion of the works, the Principal Contractor shall hand over a consolidated health and safety file to the Client.
- 6.2.10 The Principal Contractor shall, throughout execution of the contract, ensure that all conditions imposed on his Sub-contractors in terms of the Act and the Construction Regulations are complied with as if they were the Principal Contractor.
- 6.2.11 The Principal Contractor shall from time to time evaluate the relevance of the Health and Safety Plan and revise the same as required, following which revised plan shall be submitted to the Client and/or his/her Agent for approval.
- 6.2.12 A letter of good standing in terms of COIDA (Compensation Commissioner) must be submitted to DPW.

## **7. SCOPE OF WORK**

Construction of security fence and perimeter lighting. These specifications are applicable to the specific scope of work pertaining to the above-mentioned project as detailed in the tender documents.

## **8. HEALTH AND SAFETY FILE**

- a) The Principal Contractor must, in terms of Construction Regulation 7(7), keep a Health & Safety File on site at all times 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 Principal Contractor and the agreements between the parties and details of work being done. A more detailed list of documents and other legal requirements that must be kept in the Health and
- b) 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

## **9. RISK ASSESSMENTS**

In terms of Construction Regulations 5 the Client will prepare a baseline risk assessment for the construction work project. The Principal Contractor shall, before commencement of any construction work and during the construction work, have risk assessments performed by a competent person appointed in writing, which risk assessments form part of the health and safety plan to be applied on site, and must include –

- (a) the identification of the risks and hazards to which persons may be exposed to;
- (b) the analysis and evaluation of the risks and hazards identified;

- (c) a documented plan of safe work procedures to mitigate, reduce or control the risks and hazards that have been identified;
- (b) a monitoring plan; and
- (e) a review plan.

The following but not limited hazards are identified:

- Drilling
- Formwork and support work
- Scaffolding
- Excavation
- Construction vehicles and mobile equipment
- Electrical installations and electrical machinery
- Housekeeping
- Stacking and storage practices
- Fire risks and fire precautions
- Use of jackhammers
- Hot work (steel cutting and welding)
- Portable electrical tools
- Intoxicated persons on site
- Use of ladders
- Impact of construction work upon occupants of buildings not evacuated for the duration of the work
- Working at height (fall protection)
- Noise
- Dust

**Site Specific risk assessment** of the above must be submitted to DPWI before commencement of work.

## **10. HEALTH AND SAFETY POLICY**

Each contractor to submit a suitable documented Health and Safety Policy as required by Section 7 of the OHS Act.

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

The Principal Contractor is required to develop Risk Assessments, Standard Working Procedures (SWP) and Method Statements for each activity executed in the contract or project.

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

## **12. ARRANGEMENTS FOR MONITORING AND REVIEW**

### **12.1 Monthly Audit by Client and/or its Agent on its behalf**

The Client and/or its Agent on its behalf will be conducting Periodic Audits at times agreed with the Principal Contractor Audit to comply with Construction Regulation 4(1)(d) to ensure that the principal Contractor has implemented, is adhering to and is maintaining the agreed and approved OH&S Plan.

### **12.3 Reports**

- a) The Principal Contractor shall report all incidents where an employee is injured on duty to the extent that he/she:
- i. dies
  - ii. becomes unconscious
  - iii. loses a limb or part of a limb
  - iv. 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:

- i. a major incident occurred
  - ii. the health or safety of any person was endangered
  - iii. where a dangerous substance was spilled
  - iv. the uncontrolled release of any substance under pressure took place
  - v. machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects
  - vi. 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 and/or its Agent on its behalf.
- b) The Principal Contractor 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.
- c) The Principal Contractor is required to provide the Client and/or its Agent on its behalf with a monthly "SHE Risk Management Report".
- d) The Principal Contractor 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.

## **12.4 Review**

The Principal Contractor is to review the Hazard Identification, Risk Assessments and Standard Work Processes at each Production Planning and Progress Report meeting as the construction work develops and progresses and each time changes are made to the designs, plans and construction methods and processes.

The Principal Contractor 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**

### *a) Site OH&S Rules*

The Principal Contractor must develop a set of site-specific OH&S rules that will be applied to regulate the Health and Safety Plan and associated aspects of the construction. 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.

### *b) Security Arrangements*

The Principal Contractor must establish site access rules and implement and maintain these throughout the construction period.

## **12.6 Training**

### *a) General Induction Training*

All employees of the Principal and other Contractors must be in possession of proof of General Induction training

### *b) Other Training*

All operators, drivers and users of construction vehicles, mobile plant and other equipment must be in possession of valid proof of training.

## **12.7 Accident and Incident Investigation**

The Principal Contractor is responsible to oversee the investigation of all accidents/incidents where employees and non-employees were injured to the extent that he/she/they had to receive first aid or be referred for medical treatment by a doctor, hospital or clinic. (General Administrative Regulation 9)

The Principal Contractor is responsible for the investigation of all non-injury incidents as described in Section 24 (1) (b) & (c) of the Act and keeping a record of the results of such investigations including the steps taken to prevent similar incidents 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.

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

<b>OHS Act Section/ Regulation</b>	<b>Subject</b>	<b>Requirements</b>
Construction. Regulation	<b>Notice of carrying out Construction work</b>	<ul style="list-style-type: none"> <li>• Department of Labour notified</li> <li>• Copy of Notice available on Site</li> </ul>
General Admin. Regulation 4	<b>Copy of OH&amp;S Act (Act 85 of 1993)</b>	<ul style="list-style-type: none"> <li>• Updated copy of Act &amp; Regulations on site.</li> <li>• Readily available for perusal by employees.</li> </ul>
COVID Act Section 80	<b>Registration with Compens. Insurer</b>	<ul style="list-style-type: none"> <li>• Written proof of registration/Letter of good standing available on Site</li> </ul>
Construction. Regulation 4 & 5(1)	<b>H&amp;S Specification &amp; Programme</b>	<ul style="list-style-type: none"> <li>• H&amp;S Spec received from Client and/or its Agent on its behalf</li> <li>• OH&amp;S programme developed &amp; Updated regularly</li> </ul>
Section 8(2)(d) Construction. Regulation	<b>Hazard Identification &amp; Risk Assessment</b>	<ul style="list-style-type: none"> <li>• Hazard Identification carried out/Recorded</li> <li>• Risk Assessment and – Plan drawn up/Updated</li> <li>• RA Plan available on Site</li> <li>• Employees/Sub-Contractors informed/trained</li> </ul>
Section 16(2)	<b>Assigned duties (Managers)</b>	<ul style="list-style-type: none"> <li>• Responsibility of complying with the OH&amp;S Act assigned to other person/s by CEO.</li> </ul>
Section 37(1) & (2)	<b>Agreement with Mandatories/ (Sub-)Contractors</b>	<ul style="list-style-type: none"> <li>• Written agreement with (Sub-)Contractors</li> <li>• List of Subcontractors displayed.</li> <li>• Proof of Registration with Compensation Insurer/Letter of Good Standing</li> </ul>
Section 24 & General Admin. Regulation 8 COVID Act Sect.38, 39 & 41	<b>Reporting of Incidents (Dept. of Labour)</b>	<ul style="list-style-type: none"> <li>• Incident Reporting Procedure displayed.</li> <li>• 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</li> <li>• Cases of Occupational Disease Reported</li> <li>• Copies of Reports available on Site</li> <li>• Record of First Aid injuries kept</li> </ul>



General Admin. Regulation 9	<b>Investigation and Recording of Incidents</b>	<ul style="list-style-type: none"> <li>• All injuries which resulted in the person receiving medical treatment other than first aid, recorded and investigated by investigator designated in writing.</li> <li>• Copies of Reports (Annexure 1) available on Site</li> <li>• Tabled at H&amp;S Committee meeting</li> <li>• Action taken by Site Management.</li> </ul>
Construction. Regulation Driven Machinery Regulations 18 & 19	<b>Cranes &amp; Lifting Machines Equipment</b>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing to inspect Cranes, Lifting Machines &amp; Equipment</li> <li>• Written Proof of Competence of above appointee available on Site.</li> <li>• Cranes &amp; Lifting tackle identified/numbered</li> <li>• Register kept for Lifting Tackle</li> <li>• Log Book kept for each individual Crane</li> <li>• Inspection: - All cranes - <b>daily by operator</b> <ul style="list-style-type: none"> <li>- Tower Crane/s - <b>after erection/6monthly</b></li> <li>- Other cranes - <b>annually by comp. person</b></li> </ul> </li> <li>• - Lifting tackle(slings/ropes/chain slings etc.) - daily or before every new application</li> </ul>
General Safety Regulation 3	<b>First Aid</b>	<ul style="list-style-type: none"> <li>• Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed)</li> <li>• First Aid freely available</li> <li>• Equipment as per the list in the OH&amp;S Act.</li> <li>• One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed)</li> <li>• List of First Aid Officials and Certificates</li> <li>• Name of person/s in charge of First Aid box/es displayed.</li> <li>• Location of First Aid box/es clearly indicated.</li> <li>• Signs instructing employees to report all</li> <li>• Injuries/illness including first aid injuries</li> </ul>
General Safety Regulation 2	<b>Personal Safety Equipment (PSE)</b>	<ul style="list-style-type: none"> <li>• PSE Risk Assessment carried out</li> <li>• Items of PSE prescribed/use enforced</li> </ul>

		<ul style="list-style-type: none"> <li>• Records of Issue kept</li> <li>• Undertaking by Employee to use/wear PSE</li> <li>• PSE remain property of Employer, not to be removed from premises GSR 2(4)</li> </ul>
General Safety Regulation 13A	<b>Inspection of Ladders</b>	<ul style="list-style-type: none"> <li>• Competent person appointed in writing to inspect Ladders</li> <li>• Ladders inspected at arrival on site and weekly thereafter. inspections register kept</li> <li>• Application of the types of ladders (wooden, aluminium etc.) regulated by training and inspections and noted in register</li> </ul>
Asbestos Regulations 5	<b>Information and training</b>	<ul style="list-style-type: none"> <li>• Ensure that employees are adequately informed and trained on both practical aspects and theoretical knowledge.</li> </ul>
Asbestos Regulations 17	<b>Personal Protective equipment (PPE)</b>	<ul style="list-style-type: none"> <li>• Ensuring suitable PPE, storing of PPE, disposal of such PPE and that persons exposure is adequately controlled.</li> </ul>
Asbestos Regulations 20	<b>Disposal of asbestos</b>	<ul style="list-style-type: none"> <li>• Safe disposal and handling of asbestos or asbestos containing material.</li> </ul>

**Occupational Health and Safety Act, (Act No.85 of 1993)-[OHSA] and Regulations as follows:**

- Construction Regulations[CR]
- General Administrative Regulations[GAR]
- General Safety Regulations[GSR]
- Environmental Regulations for Workplaces[ERW]
- General machinery Regulations [GMR]
- Hazardous Chemical Substances Regulations[HCSR]
- Electrical Installations Regulations[EIR]
- Electrical Machinery Regulations[EMR]
- Pressure Equipment Regulation [PER]

#### **14. LOCKOUT PROCEDURE**

Contractors undertaking maintenance and repair work must submit a suitably documented lockout/tag-out procedure to be approved before work commences.

#### **15. HOUSEKEEPING**

Good housekeeping will be maintained at all times as per Construction Regulation No. 25. 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.

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 Principal Contractor 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.

Dross and refuse from metals, and waste matters or by-products whose nature is such that they are poisonous or capable of fermentation, putrefaction or constituting a nuisance shall be treated or disposed of by methods approved of by an inspector.

NOTE: No employer (Principal Contractor) 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.

#### **16. ELECTRICAL EMERGENCY RESPONSE PROCEDURE**

Contractors undertaking electrical maintenance and repair work must submit a suitably documented Electrical Emergency Response Procedure to be approved before work commences.

## **17. Compliance to COVID Directives**

The contractor should comply with Directives of Dept. of Health and Dept. Of Labour and Employment.

10.1 Induction wrt COVID-19 is mandatory.

10.2 Specific COVID-19 PPE is mandatory

# **NDPWI FORMS**



# public works & infrastructure

Department:  
Public Works and Infrastructure  
REPUBLIC OF SOUTH AFRICA

## DECLARATION – EPWP PROGRAMME

I \_\_\_\_\_ from the Company

Hereby Undertake To Comply To :

**1. LABOUR INTENSIVE CONSTRUCTION METHODS (LIC)**

1.1 Comply To Implementation Of LIC BOQ Items Specified Elsewhere In The Tender Documents

**2. RECRUITMENT AND PLACEMENT OF EPWP NYS PARTICIPANTS**

2.1 Recruitment, Placement And Exposure Training Of ...N/A..... (N/A)  
Participants

2.2 Comply To EPWP BOQ, Specifications and Code Of Good Practice

**3. RECRUITMENT AND PLACEMENT OF LOCAL LABOURERS**

3.1 Recruitment And Placement Of SIX (6) Local Labourers

3.2 Comply With Applicable Wage Order/ Determination or Agreement, In Terms of Labour Relations Act or Wage Act

**4. COMPLY TO EPWP MONTHLY REPORTING REQUIREMENTS**

**Monthly, Prepare And Submit Below EPWP Reports Attached To Monthly Payments Certificate :**

- 4.1 All Employees and EPWP Participants Contracts
- 4.2 All Employees And EPWP Participants Certified SA ID Copies
- 4.3 All Employees And EPWP Participants Attendance Registers
- 4.4 All Employees and EPWP Participants Proof Of Payment
- 4.5 EPWP Reports Populated On Standard Templates

**5. PENALTY FOR NON COMPLIANCE**

Acknowledge Non Compliance Penalty Of R 3000- 00 (Three Thousands Rand) Per Month Per Participants

Signed by : \_\_\_\_\_  
Director of the Company

Company name : \_\_\_\_\_

Date : \_\_\_\_\_