



1 Cedara Road, Pietermaritzburg, 3200  
KZN Department of Agriculture & Rural Development, Private Bag X9059, Pietermaritzburg, 3200  
Tel: 033 355 9100

## **Invitation to Quotation – R/N/2223/453**

### **KwaZulu-Natal– DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT**

Suitable and capable service providers are invited to bid **Appointment of a Service Provider to Supply, Deliver and Erect one New Tunnel Structure for Vuma Project within Umlalazi Local Municipality under King Cetshwayo District.**

### **Prequalifying Criteria**

- (i) BBBEE Level 1 (as per the provisions of section 4(1) (a) of the PPPFA Regulations, 2017); and
- (ii) EME (as per the provisions of section 4(1) (b) of the PPPFA Regulations, 2017)
- (iii) CIDB grading 1 SH/CE.

### **Contact Details for Enquiries**

Queries relating to the issue of these documents may be addressed to

Administrative: Mr. Mbuyiselwa Chonco Tel. No. 033 343 8188: or

[mbuyiselwa.chonco@kzndard.gov.za](mailto:mbuyiselwa.chonco@kzndard.gov.za) and

Technical: Ms Phindile Ncanana Tel. No. 076 941 2444 [phindile.ncanana@kzndard.gov.za](mailto:phindile.ncanana@kzndard.gov.za)

The closing date and time for receipt of Tenders is **21 October 2022 at 11h00**. Telegraphic, telephonic, telex, facsimile, e-mail and late Tender Proposals will not be accepted.

### **Briefing Session**

**The Compulsory briefing session will be held as follows:**

Venue: Umlalazi Local Municipality, Vuma Reserve Area, 15 km West of Eshowe on the P50-1 road.

Co-ordinates – S 28° 50' 18.8", E 31° 22' 47.3"

Date: 18 October 2022

Time: 10:00

### **Return of Bid:**

Bids must be deposited in the bid box situated at Department of Agriculture and Rural Development, Supply Chain Management, 01 Cedara Road, Cedara, 3200 or send by post to The Director: Supply Chain Management, Private Bag X9059, Pietermaritzburg, 3200.

Tel: **(033) 343 8188** before **11:00** am on the closing date: **21 October 2022**

### **Issued by:**

The Department of Agriculture and Rural Development

1 Cedara Road

Cedara, 3200

## PART A INVITATION TO BID

<b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)</b>					
BID NUMBER:	R/S/2223/453	CLOSING DATE:	21 October 2022	CLOSING TIME:	11:00 AM
DESCRIPTION	APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY, DELIVER AND ERECT ONE NEW TUNNEL STRUCTURE FOR VUMA PROJECT WITHIN UMLALAZI LOCAL MUNICIPALITY UNDER KING CETSHWAYO DISTRICT.				
<b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)</b>					
Bid must be deposited in the Bid box situated at Department of Agriculture and Rural Development					
Supply Chain Management					
1 Cedara Road					
Cedara, 3200					
<b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>			<b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>		
CONTACT PERSON	Mr M. Chonco		CONTACT PERSON	Ms Phindile Ncanana	
TELEPHONE NUMBER	033 - 355 8188		TELEPHONE NUMBER	076 941 2444	
FACSIMILE NUMBER	n/a		FACSIMILE NUMBER	n/a	
E-MAIL ADDRESS	Mbuyiselwa.chonco@kzndard.gov.za		E-MAIL ADDRESS	Phindile.ncanana@kzndard.gov.za	
<b>SUPPLIER INFORMATION</b>					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW ]
<b>QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>					
DOES THE ENTITY HAVE A BRANCH IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>					
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>					
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>					
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>					
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					

## PART B TERMS AND CONDITIONS FOR BIDDING

<b>1. BID SUBMISSION:</b>
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</b>
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>
<b>2. TAX COMPLIANCE REQUIREMENTS</b>
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE <a href="http://WWW.SARS.GOV.ZA">WWW.SARS.GOV.ZA</a> .
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....  
(Proof of authority must be submitted e.g. company resolution)

DATE: .....

## BIDDER'S DISCLOSURE

### 1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

### 2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

**YES/NO**

2.3.1 If so, furnish particulars:

.....  
.....

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<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

### 3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of bid

<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

## PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

### 1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to **not exceed** R50 000 000 (all applicable taxes included) and therefore the **80/20** preference point system shall be applicable; or
- b) Either the 80/20 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser

### 2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding

processes or proposals;

- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“price”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
  - 1) B-BBEE Status level certificate issued by an authorized body or person;
  - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

### 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 4. POINTS AWARDED FOR PRICE

#### 4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$Ps = 80 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right) \text{ or } Ps = 90 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

Pmin = Price of lowest acceptable bid

#### 4.2 FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME-GENERATING PROCUREMENT

#### 4.3 POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$Ps = 80 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right) \text{ or } Ps = 90 \left( 1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration  
Pmax = Price of highest acceptable bid

## 5. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 5.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

## 6. BID DECLARATION

- 6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

## 7. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

- 7.1 B-BBEE Status Level of Contributor: . = .....(maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

## 8. SUB-CONTRACTING

- 8.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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- 8.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME <input checked="" type="checkbox"/>	QSE <input checked="" type="checkbox"/>
---	--	--



Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

9. **DECLARATION WITH REGARD TO COMPANY/FIRM**

9.1 Name of company/firm:.....

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
  - ☐ One person business/sole propriety
  - ☐ Close corporation
  - ☐ Company
  - ☐ (Pty) Limited
- [TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

.....

9.6 COMPANY CLASSIFICATION

- ☐ Manufacturer
  - ☐ Supplier
  - ☐ Professional service provider
  - ☐ Other service providers, e.g. transporter, etc.
- [TICK APPLICABLE BOX]

9.7 Total number of years the company/firm has been in business:.....

9.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;

- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
- (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution.

WITNESSES

1. ....
2. ....

.....  
SIGNATURE(S) OF BIDDERS(S)

DATE: .....  
ADDRESS .....  
.....  
.....

## 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.**

- 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>
_____	_____ %
_____	_____ %
_____	_____ %

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

(Tick applicable box)

YES		NO	
-----	--	----	--

- 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):

<b>Currency</b>	<b>Rates of exchange</b>
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

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

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
- (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 %												
				Pula		EU		GBP				
<p>Note: VAT to be excluded from all calculations</p>												
<p>Signature of tenderer from Annex B</p>												
<p>Date:</p>												

(D1)  
(D2)  
(D3)  
(D4)  
(D5)  
(D6)

Tender No.	
Tender description:	
Designated Products:	
Tender Authority:	
Tendering Entity name:	
Tender Exchange Rate:	Pula

**Note:** VAT to be excluded from all calculations

EU	R 9.00	GBP	R 12.00
----	--------	-----	---------

### Calculation of imported content

[illegible]

(P19) Total exempt imported value

**This total must correspond with  
Annex C - C 21**

### Calculation of imported content

[illegible]

(D32) Total imported value by tenderer

### Calculation of imported content

[illegible]

(D45) Total imported value by 3rd party

### Calculation of foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange
(D46)	(D47)	(D48)	(D49)	(D50)

Signature of tenderer from Annex B

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

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above

**This total must correspond with  
Annex C - C 23**



## Annex E

SATS 1286.2011

### Local Content Declaration - Supporting Schedule to Annex C

(E1)	Tender No.	
(E2)	Tender description:	
(E3)	Designated products:	
(E4)	Tender Authority:	
(E5)	Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of Items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			

(E10) **Manpower costs** (Tenderer's manpower cost)

(E11) **Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.)

(E12) **Administration overheads and mark-up** (Marketing, insurance, financing, interest etc.)

(E13) Total local content

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

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

CONTRACT FORM - PURCHASE OF GOODS/WORKS

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SUCCESSFUL BIDDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SUCCESSFUL BIDDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

PART 1 (TO BE FILLED IN BY THE BIDDER)

1.

I hereby undertake to supply all or any of the goods and/or works described in the attached bidding documents to (name of institution)..... in accordance with the requirements and specifications stipulated in bid number..... at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.
2.

The following documents shall be deemed to form and be read and construed as part of this agreement:

(i)

Bidding documents, viz

-

Invitation to bid;

-

Tax clearance certificate;

-

Pricing schedule(s);

-

Technical Specification(s);

-

Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;

-

Declaration of interest;

-

Declaration of bidder's past SCM practices;

-

Certificate of Independent Bid Determination

-

Special Conditions of Contract;

(ii)

General Conditions of Contract; and

(iii)

Other (specify)
3.

I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.
5.

I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
6.

I confirm that I am duly authorised to sign this contract.

NAME (PRINT)

.....

CAPACITY

.....

SIGNATURE

.....

NAME OF FIRM

.....

DATE

.....

WITNESSES

1

.....

2.

.....

---

CONTRACT FORM - PURCHASE OF GOODS/WORKS

PART 2 (TO BE FILLED IN BY THE PURCHASER)

1.

I..... in my capacity as..... accept your bid under reference number .....dated.....for the supply of goods/works indicated hereunder and/or further specified in the annexure(s).
2.

An official order indicating delivery instructions is forthcoming.
3.

I undertake to make payment for the goods/works delivered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice accompanied by the delivery note.

ITEM NO.	PRICE (ALL APPLICABLE TAXES INCLUDED)	BRAND	DELIVERY PERIOD	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)

4.

I confirm that I am duly authorised to sign this contract.

SIGNED AT .....ON.....

NAME (PRINT) .....

SIGNATURE .....

OFFICIAL STAMP

WITNESSES

1. ....

2. ....

DATE .....

**EME'S AND QSE'S MUST COMPLETE THE FOLLOWING APPLICABLE AFFIDAVIT FORM TO CLAIM PREFERENCE POINTS**

**SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE**

I, the undersigned,

<b>Full name &amp; Surname</b>	
<b>Identity number</b>	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a member / director / owner of the following enterprise and am duly authorised to act on its behalf:

<b>Enterprise Name</b>	
<b>Trading Name (If Applicable):</b>	
<b>Registration Number</b>	
<b>Enterprise Physical Address:</b>	
<b>Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):</b>	
<b>Nature of Business:</b>	
<b>Definition of "Black People"</b>	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians – (a) who are citizens of the Republic of South Africa by birth or descent; or (b) who became citizens of the Republic of South Africa by naturalisation- I. before 27 April 1994; or II. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"
<b>Definition of "Black Designated Groups"</b>	"Black Designated Groups means: (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution; (b) Black people who are youth as defined in the National Youth Commission Act of 1996; (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act; (d) Black people living in rural and under developed areas; (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"

3. I hereby declare under Oath that:

- The Enterprise is \_\_\_\_\_% Black Owned as per Amended Code Series 100 of the amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as amended by Act No 46 of 2013,
- The Enterprise is \_\_\_\_\_% Black Female Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- The Enterprise is \_\_\_\_\_% Black Designated Group Owned as per Amended Code Series 100 of the Amended Codes of Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,
- Black Designated Group Owned % Breakdown as per the definition stated above:
  - Black Youth % = \_\_\_\_\_%
  - Black Disabled % = \_\_\_\_\_%
  - Black Unemployed % = \_\_\_\_\_%
  - Black People living in Rural areas % = \_\_\_\_\_%
  - Black Military Veterans % = \_\_\_\_\_%
- Based on the Financial Statements/Management Accounts and other information available on the latest financial year-end of \_\_\_\_\_, the annual Total Revenue was R10,000,000.00 (Ten Million Rands) or less
- Please Confirm on the below table the B-BBEE Level Contributor, **by ticking the applicable box.**

100% Black Owned	<b>Level One</b> (135% B-BBEE procurement recognition level)	
At least 51% Black Owned	<b>Level Two</b> (125% B-BBEE procurement recognition level)	
Less than 51% Black Owned	<b>Level Four</b> (100% B-BBEE procurement recognition level)	

4. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the Owners of the Enterprise, which I represent in this matter.

5. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.

Deponent Signature: \_\_\_\_\_

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

<b>Stamp</b>

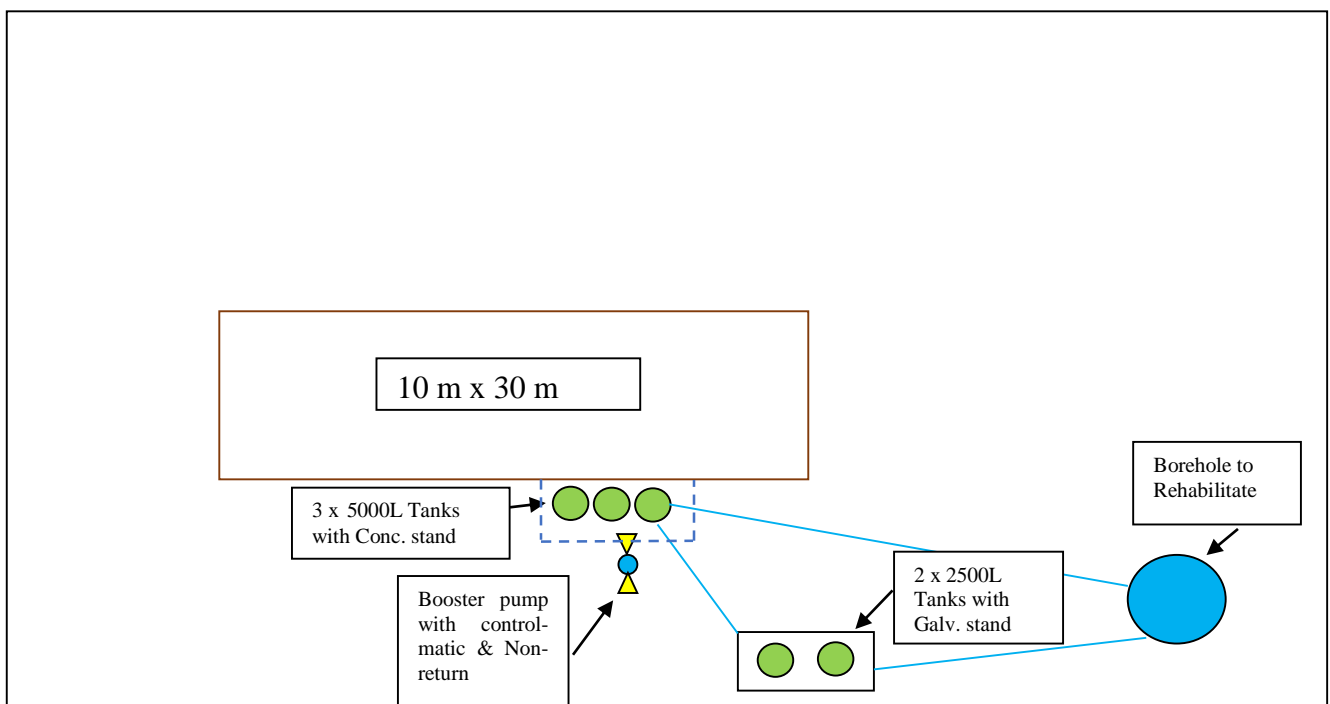
\_\_\_\_\_  
Signature of Commissioner of Oaths

**APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY, ERECTION AND INSTALLATION OF 1 X 10MX30M GREENHOUSE TUNNEL WITH IRRIGATION & HORTICULTURAL EQUIPMENT, MATERIALS AND FITTINGS AT UMLALAZI LOCAL MUNICIPALITY UNDER KING CETSHWAYO DISCRICT**

**BACKGROUND**

The members of Vuma Rural Development Co-operative Limited, situated in Vuma Reserve, a small village in Eshowe under Ward 08, approached the Department of Agriculture and Rural Development seeking assistance with a rehabilitation of a borehole, construction of a 10 m x 30 m greenhouse tunnel structure and planting inputs for the all the structures (three tunnel structures already exists on site and one is to be constructed).

The aforementioned Co-op is looking to exploit the tomatoes and/or green pepper market in Eshowe and neighbouring towns. The site/project is approximately 15 km West of Eshowe on the P50-1 road as if driving to Nkandla and of on the D465 road Co-ordinates *S 28°50'18.8", E 31°22'47.3"*.



## A) GENERAL CONDITIONS OF CONTRACT

### 1) SCOPE OF WORKS

This contract covers the supply, erection and installation of 1x 10.0 x 30.0m greenhouse tunnel, complete with 2 x 6 lines micro drip irrigation system and horticultural equipment and materials.

### 2) BIDDERS TO CHECK COMPLETENESS OF DOCUMENT

The bidder is required to check the number of consecutively numbered pages and should any found to be missing or in duplicate, or the text of figures indistinct, or should there be any doubt or obscurity as to the meaning of any part of these documents, the bidder must ascertain the true meaning or intent of the same prior to the submission of his/her tender, as no claims arising from any incorrect interpretation will be admitted.

### 3) VALIDITY

All prices must be valid for a period of **three months (90 days)** from the closing date of the tender.

### 4) FIXED PRICE CONTRACT

The contract shall **not** be subject to contract price adjustment. Bidders must therefore allow for any price increases during the contract duration, including possible delays in awarding the tender in accordance with the validity period.

### 5) PRICING (SEE ANNEXURE B – SCHEDULE OF WORKS/PRICING SCHEDULE)

- 5.1 All items as described in the project specification are to be priced in full. If a bidder does not tender on all items, his/her tender may be rejected.
- 5.2 Per item prices to exclude VAT.
- 5.3 Transport/Delivery costs must be included in the pricing. It must **not** be a separate item.
- 5.4 The tendered price must have your company stamp, date and be signed by an authorised person (Annexure D).

### 6) ANCILLARY WORKS, MATERIALS AND EQUIPMENT

- 6.1 An amount of 10% of the subtotal for all items will constitute the contingencies for this project the purpose of any ancillary work and for any material, work or equipment that may have been omitted but is required to implement the structure (See ANNEXURE B: Pricing Schedule, item 5.1). As there may be surplus material due to possible adjustments in the design, these items will be credited prior to the use of this amount. Please note that any un-scoped work or unlisted materials must be motivated for and approved by the Engineer.
- 6.2 The Contingencies are for additional works only and is based on supporting documentation including the original supplier's invoices, which must be supplied to substantiate the claims. A 10% markup on proven and approved expenditure will be allowed. This amount is thus **not** automatically part of the contract amount but will only be available for **works and/or materials** that are not in the specification but are necessary for contract completion.

### 7) WARRANTY

- 7.1 All workmanship must carry a warranty of one year from the date of completion and handover of the works.

## 8) APPLICABLE STANDARDISED SPECIFICATIONS

8.1 For the purpose of this Contract the relevant SABS specifications shall apply. All materials to be SABS approved and installed to applicable standards specified by SABS or the manufacturer.

## 9) PAYMENTS

9.1 All deliveries are to be checked by a departmental representative prior to installation and certified accordingly. No payment will be made separately for the supply and delivery of materials only. Payments will only be made after the relevant phase has been completed and inspected by the Engineer. The maximum number of payments will be seven (7).

### 9.2 PAYMENT SCHEDULE

Payment #	Phase Description	% of total contract	% payment after completion	
1	Preliminary & General & Site establishment Including leveling the site	10%	9.0%	
2	Supply and erection of 1 new tunnels (including irrigation and horticultural equipment)	40%	36.0%	
	Supply & installation of tanks + pump & valve plus construction of tank stands.	10%	9.0%	
3	Supply and installation of irrigation system and horticultural materials and equipment in the tunnel and linking of all system elements to each other and to tank and water source.	25%	22.5%	
4	Water & electricity supply to tunnels: Connection of tunnels to grid and/or municipal water supply or other water sources (or use Generator)	10%	9.0%	
5	Fencing including access gate	5%	4.5%	9.5%
	5% retention at practical completion	--	5.0%	
6	% retention at final completion	--	5%	
	TOTAL	100%	100%	

## 10) RETENTION

10% retention will be withheld on payment for the construction phases. The Department will pay this back as part of the 5<sup>th</sup> payment, at **practical completion** of the works, whilst the remaining 5% retention will be paid at final completion (6<sup>th</sup> payment).

## 11) SERVICE LEVEL AGREEMENT

The successful bidder and the Department will sign a Service Level Agreement prior to commencement of works.

## 12) SITE FACILITIES AVAILABLE

12.1 WATER AND SERVICES. The Contractor shall make the necessary arrangements for the provision of water and services required at the contractors own cost. For unskilled work, the assistance of community members can be utilized at the contractor's costs and all negotiations with the community members will be the contractor's responsibility and not the Department's. The contractor will **not** be permitted to employ local skilled labour. He shall provide his own skilled labour.

12.2 LOCATION OF CAMP. The Contractor's camp may be erected on the site of the works. No persons other than a night watchman may sleep in the camp without the approval of the school principal.



12.3 HOUSING OF CONTRACTOR'S EMPLOYEES. No housing is available for the Contractor's employees and the Contractor shall make his own arrangement for housing his employees and transporting them to and from the site. However, it may be possible to arrange temporary local accommodation for the contractor's staff with the nearby local assistance (Like Hall, crèche or houses of project participants etc.). The Contractor is in all respects responsible for the housing and transporting of his employees, and for the arrangement thereof, and no extension of time due to any delays resulting from this, will be granted.

12.4 SAFETY. All safety measures including the provision of the Machinery and Occupational Safety Act (Act 6 of 1983) are to be adhered to.

### 13) DELIVERY OF MATERIALS

Work must be started **within two weeks** of receiving an official order, unless the Department indicates that delivery within this period is not desirable due to delays in the project.

### 14) ABNORMAL RAINFALL

The Contractor shall keep daily rainfall records and submit it to the Department's representative at every site meeting. No additional payment shall be made for the supply and installation of the rain gauge or for the keeping of the rainfall records and all costs must be included in the scheduled items.

### 15) 'AS BUILT' DETAILS

As the work progresses, the Contractor shall keep full records of all amendments to and deviations from the specifications as issued to the Contractor at the start of the contract. These details will, where appropriate, be noted on the supplied drawing. No alterations may be made without the written approval of the Regional Engineer.

### 16) PROGRAMME

The work is to be completed **within 3 months of the award of the bid**. The contractor is to supply a **work schedule** with the proposed times of completion of each phase (as per above Payment Schedule) and associated progress payment request for the project. A maximum of seven (7) progress payments can be made.

### 17) COMPLETION

The tunnels must be fully functional on completion. The contractor will remain responsible for the tunnels including all materials, installations and equipment until the official hand over of the tunnels to the beneficiaries. The hand over and final payment will not take place until such time that the entire structure is fully functional and all defects/ oversights have been attended to.

### 18) COMPETENCY OF THE CONTRACTOR

The Bidder will be required to satisfy the Department that a sufficiently experienced skilled and semi- skilled **labour force** is employed or that sufficient experienced labour can be acquired to complete the services and produce a fair quality of workmanship. **The Bidder will be required to submit a list of references/ projects (ANNEXURE A: References)** to enable the Department to inspect previously completed work and assess the capacity of the Bidder.

The Bidder should have a **minimum CIDB grading of 1 SH/CE**.

## B) PROJECT TECHNICAL SPECIFICATIONS

### 1 GENERAL DESCRIPTION

This contract covers the supply, erection and equipping of **One (1)** greenhouse tunnel (10m x 30.0m), including the supply and installation of horticultural materials and equipment and **1 x 6 single rows micro drip irrigation system** with mixing/storage tank serving the tunnel.

### 2 ACCESS TO SITE

The site is situated in **Umlalazi Local Municipality** by **Vuma Reserve Area**, at **King Cetshwayo District**. Co-ordinates **S 28°50'18.8", E 31°22'47.3"** You will be notified of the exact location during the bid briefing.

### 3 CHARACTER OF STRATA AND MATERIALS ON SITE

No geotechnical data is available for the site. The contractor must satisfy himself as to the nature of the existing ground conditions.

### 4 DETAILED SCOPE OF WORKS

The contract includes the following construction work:

- (a) Levelling of site to a uniform longitudinal slope of 1.0 – 2.0%;
- (b) **The supply, erection and equipping of 1 dome shaped greenhouse tunnels with Luminance THB Polythene greenhouse sheeting. Tunnel dimensions: 10m (w) x 30.0m (l) x 4.5m (h).**
- (c) Supply of a 3x 5000L storage tank + 2x 2500L Storage tanks (galvanised stand), plus pump, ball valve and fittings;
- (d) Construction of one tank stand, 2.95m x 2.15m x 0.7m (0.5m above ground) with a concrete slab on M150 block walls on strip foundation;
- (e) The supply and installation of horticultural material and equipment for all tunnels. See paragraphs 7.2, 8.2 and 8.3 and Drawing 1 (TYPICAL TUNNEL).
- (f) The supply and installation of a micro irrigation system in one tunnel as per the specifications of paragraphs 9.1 and 9.2 and Annexure C.
- (g) Connection of internal irrigation lay out of the tunnel to the tanks.
- (h) Any other installations/connections required to bring the system into working order.

### 5 APPLICABLE STANDARDISED SPECIFICATIONS

For the purpose of this Contract the relevant SABS specifications shall apply. All materials to be SABS approved.

### 6 EXTERNAL INFRASTRUCTURE (SEE DRAWING TYPICAL TUNNEL)

#### 6.1 Tunnel structure

##### **Arches + Fan Pad Cooling System**

Main arch 48mm x 2mm structural pipe

Arch - cross-bracing 38mm x 2mm structural pipe

Arch - down-bracing 38mm x 2mm structural pipe

End bracing - 38mm x 2mm - both ends

Centre spine - 42mm x 2mm x 30m

Clamp bar - 38mm x 2mm (1m above ground level - 1 side only)

#### **NOTES**

##### **Arches**

- sides to be driven in 600mm below ground level. If required, for example in the case of loose or wet soil profiles, alternate steel arch holders must be placed in 400 x 400 x 500mm 15 MPa concrete footings
- structural steel pipe - SABS galvanised
- all bracing secured by galvanised nuts and bolts.

## **6.2 Doors, Ends and Sides of Structure**

### **Doors**

- 2 x 1.5m x 2.2m x 38mm covered with plastic

### **Ends**

- Covered by 40-55% shade cloth

## **6.3 Top Covering**

Greenhouse sheeting – Luminance THB Polythene (200 micron) – 12.0m x 32.0m.

#### **NOTES**

Top plastic to be stretched 3% greater than its length over the framework, buried in the ground on one side and fixed by plastic clamps on opposite side.

## **7 INTERNAL INFRASTRUCTURE**

### **7.1 Floor covering and levels**

Black/white plastic sheeting: 11m x 31m (150 micron)

Earth mounds - 50mm high x 800mm wide x 31m long (2 mounds/tunnel)

Earth mounds to be constructed of suitable material (minimum 25% clay)

### **7.2 Trellising**

- Trellising wire – 1 x 6 lines x 30m each - using 2.2mm veld wire strained 2.2m above ground level.
- Wire strained by Donaldson Wire Strainers
- Wire enclosed by 20mm LDPE pipe
- 1 x 600 tie cord holders (standard orange bailing twine)

## **8 MISCELLANEOUS**

### **8.1 Plastic clamps**

- Made from 2mm SABS PVC pipes
- Clamps for plastic and shade cloth made from 40mm and 50mm PVC pipes (30% of pipe diameter sawn off and sharp edges filed off);
- Clamps holding top plastic on both ends to be pop-riveted and spaced 300mm apart;
- Clamps holding shade cloth to be spaced 300mm apart on both ends;
- Clamps on clamp bar holding plastic to be spaced 500mm apart.

### **8.2 Growing Bags (2 Seasons)**

- 2 x 750 x 20L black plastic bags, (180 micron)
- 10mm drainage holes

8.3 **Growing medium** (2 Seasons)

- 2000kg course textured untreated pine wood shavings.

9 **IRRIGATION EQUIPMENT AND NUTRIENT SUPPLY**

9.1 **Nutrient Supply Serving for the Tunnel (Pump, Manual Timer)**

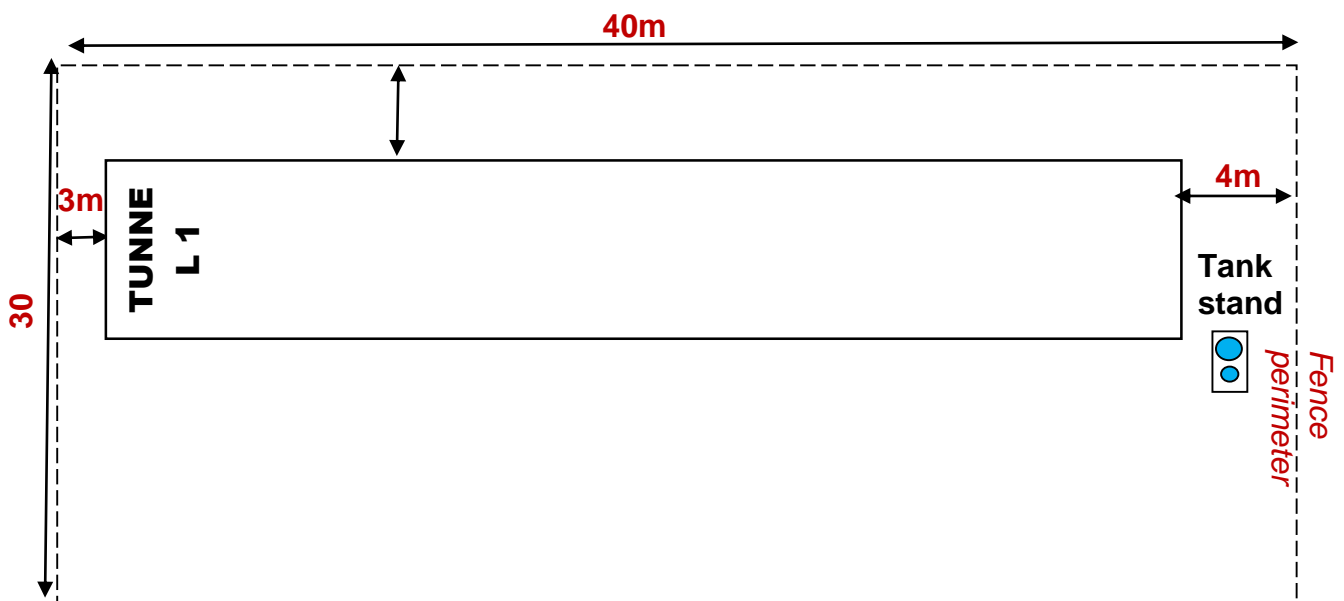
Connect all necessary fittings, valves and assembly pumps.

9.2 **Tunnel Internal Fittings For 1 X 750 Plants (Bill Serves All 1x Tunnel)**

Connect all necessary fittings, valves and pipes

10. Fencing (Not Applicable for this project)


**Figure 1: Site plan showing the 1x tunnel and location of the tank stands & changes can be expected in terms of size depending on site conditions and possible positioning**



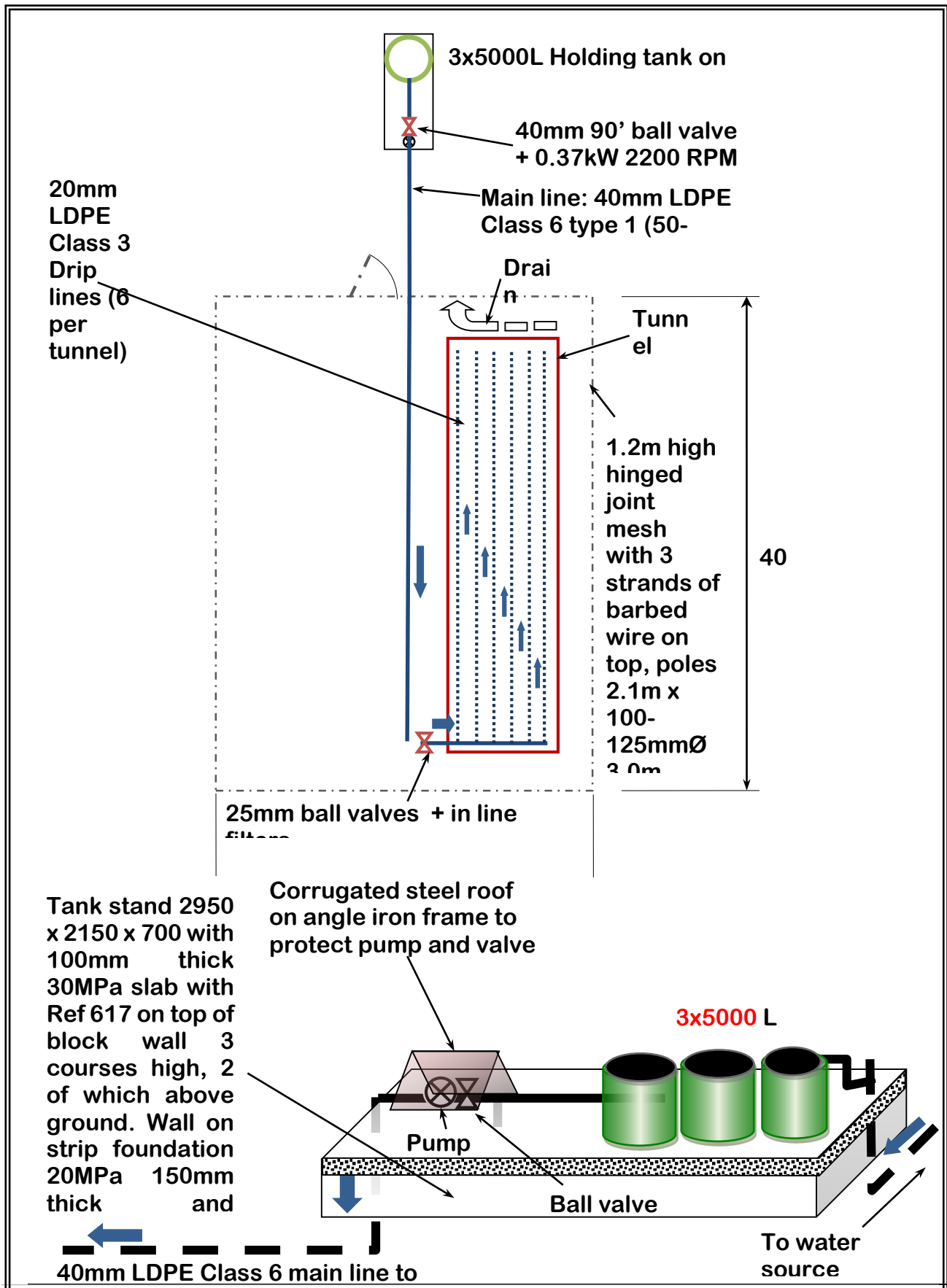
**EXPERIENCE:** Please indicate your experience and expertise by completing the table:

No	Name of project + Period	Project description	Role (self or sub- contracted)	Project value	Name and contact number of referee
1					
2					
3					
4					
5					

# ANNEXURE B: SCHEDULE OF WORKS/PRICING SCHEDULE (1)

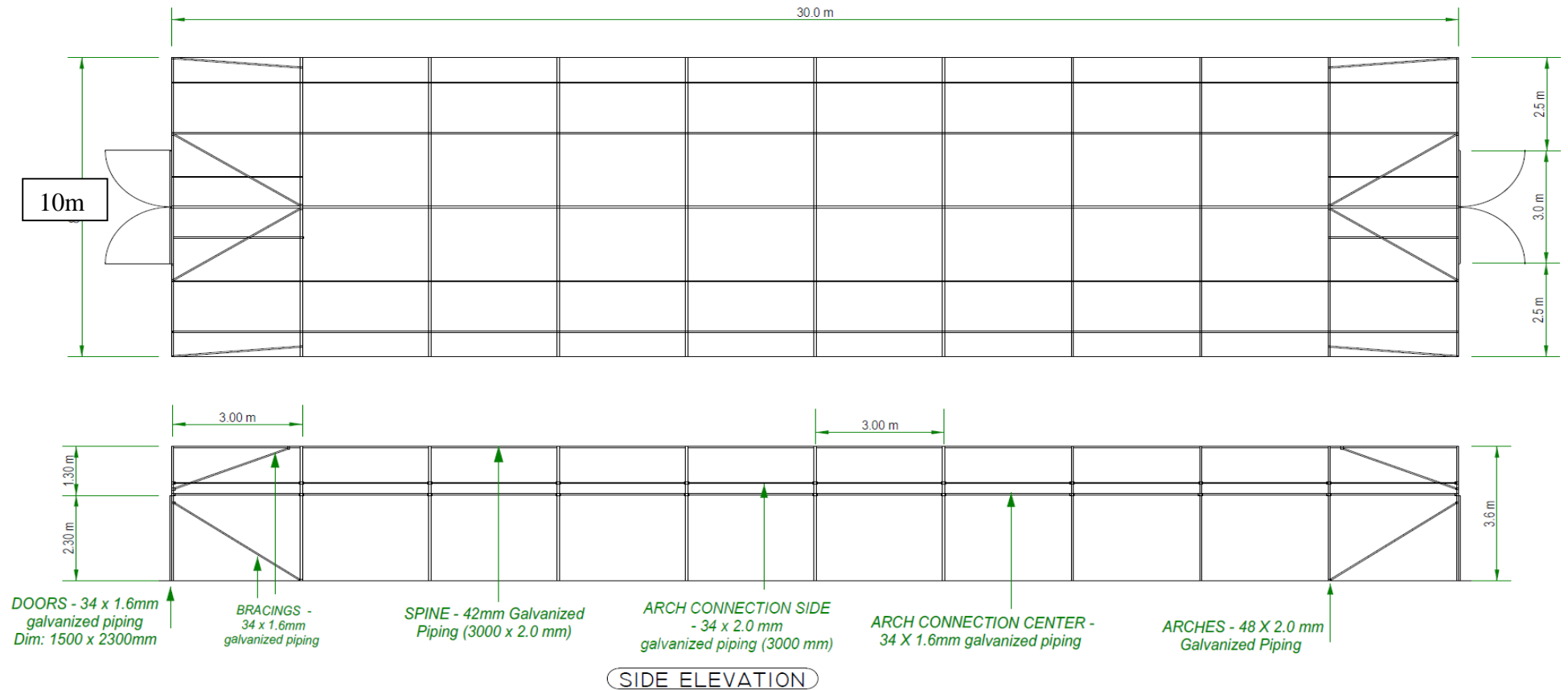
						Page 1	
<b>KWAZULU-NATAL PROVINCE</b>							
<b>AGRICULTURE AND RURAL DEVELOPMENT</b>							
<b>REPUBLIC OF SOUTH AFRICA</b>							
<b>KZN Department of Agriculture and Rural Development</b>				<b>Sept 2022</b>			
<b>ANNEXTURE B: SCHEDULE OF WORKS/PRICING SCHEDULE 1 xTUNNEL</b>				<b>PRICING SCHEDULE (1)</b>			
<b>VUMA TUNNELS PROJECT AT VUMA RESERVE AREA (Site Levelling, Erection, Pump-piping)</b>							
<b>BILL OF QUANTITIES/PRICING SCHEDULE FOR THE SUPPLY, ERECTION AND INSTALLATION OF 1X GREENHOUSE TUNNEL</b>							
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY PER 1 TUNNEL</b>	<b>RATE</b>	<b>AMOUNT</b>		
<b>1</b>	<b>EXTERNAL INFRASTRUCTURE</b>						
<b>Supply and erection of 1 Greenhouse tunnel</b>							
1.1	Site levelling (1-2% slope longitudinal) for 1 Tunnel - Properly level site	Sum	1				
1.2	10 x 30 x 4,5m Arch Tunnel Structure	No.	1				
1.3	Single Door and frame	No.	2				
1.4	Greenhouse Film UVA Diffused, 200µm x 17m x 32m	Sum	1				
1.5	Gable end Shade Net 40%, 3m x 50m	No.	1				
1.6	Clamp attachement, cable ties and strapping	Sum	1				
1.7	Tunnel anchor foundations	Sum	1				
1.8	Delivery of Structure to site	Sum	1				
<b>2</b>	<b>INTERNAL STRUCTURE</b>						
<b>The supply &amp; installation of internal material (plastics and wire)</b>							
2.1	Floor plastic Black/White 11m x 31m x 150µm	No.	1				
2.2	Donaldson wire strains for trellising wire	Sum	1				
2.3	Tie cord holders (Standard orange bailing wire twine)	m	500				
2.4	Black Growing bags, 20L, 180 micron with 10mm drainage holes	No.	1800				
2.5	Growing medium-course textured untreated fine wood shavings	Sum	1				
2.6	Planting Tomatoes seedlings for the tunnel as per Bid document	Sum	1				
2.7	Packging material - 3kg sizes tomatoe boxes (two seasons) To insert Total Amount	Sum	1				
2.8	Fertilizers and chemicals (pesticides, fungicides & detergents) for two seasons(Insert Total Amount)	Sum	1				
2.9	Roll of trellissing wire x 400 m and tensioners	No.	1				
<b>3</b>	<b>NUTRIENT SUPPLY - IRRIGATION &amp; PUMP STATION</b>						
<b>The supply &amp; installation of internal irrigation as per specifications of clauses 9.1 &amp; 9.2 &amp; Annexure C. Incl. pump</b>							
3.1	Drip CNL 4 way system with pipe and fittings	Sum	1				
3.2	Dripper Spider for Irrigation	No.	240				
3.3	Pressure pump with Control-matic and Non return valve	No.	1				
3.4	Main line irrigation pipe	Sum	1				
3.5	Disc Filter,Ball Valve, Manifold,Fittings...	Sum	1				
3.6	Solenoid Valve 25mm with FC	No.	4				
3.7	Irrigation Controller 4 Station AC-outdoor	No.	1				
3.8	Concrete stand for 3x 5000L tanks	No.	1				
3.9	Connect water pipe line from borehole to tanks	Sum	1				
3.10	Connect all necessary fittings and valves	Sum	1				
3.11	2500L Water tank	No.	2				
3.12	System to include the irrigation and planting process with plants of minimum 750	Sum	1				
3.13	Water tank 5000L	No.	3				
3.14	Testing of system and training of beneficiaries	Sum	1				
<b>4.</b>	<b>Labour/Installation</b>						
4.1	Labour to Install fully equipped 1x Tunnel Structure	Sum	1				
<b>5.</b>	<b>Transport</b>						
5.1	Transprt and delivery to site	Sum	1				
<b>5.</b>	<b>CONTINGENCIES</b>						
5.1	Ancillary works, materials and equipment 10% of SUBTOTAL OF ALL ITEMS	Sum	1				
<b>SUBTOTAL OF 1 TUNNELS</b>		<b>R</b>					
<b>VAT 15% (FOR VAT VENDORS)</b>		<b>R</b>					
<b>TOTAL</b>		<b>R</b>					

ANNEXURE C: PROPOSED WORKS & TYPICAL SITE LAY OUT (1x TUNNEL)



## DRAWING 1:

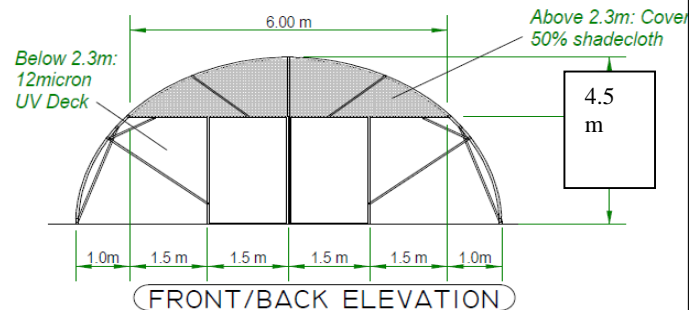
## STANDARD HYDROPONIC



## STANDARD HYDROPONIC TUNNEL

### NOTES

- 1) DIMENSIONS: 30.0M x 8.0(8.5)M x 3.2(3.6)M
- 2) WALL THICKNESS STEEL ARCHES: 2.0MM MINIMUM
- 3) WINDY END KITS (STEEL BRACES)
- 4) HINGED DOORS ON BOTH ENDS OF TUNNEL;
- 5) TOP GANTRY RAIL;
- 6) EXTRA STRENGTH HINGE CLAMPS;
- 7) 150 MICROMETER LUMINANCE THB POLYTHENE PLASTIC SKIN FOR TUNNEL AND DOORS;
- 8) VENTING CLIPS AND VENTING WIRES;
- 9) CONSTRUCTION TRAINING AND CONSTRUCTION MANUAL



### KZN DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT

#### ENGINEERING SERVICES

4 PINOAK AVENUE | PRIVATE BAG X6005  
HILTON | 3245  
PHONE : 033-3438300 | FAX : 0333438443

DATE: 12/10/2010 | SCALE: 1:135 (A4)

DRAWING REFERENCE:  
RDN/2010/03/TUN



## **QUOTATION DISQUALIFYING FACTORS**

**i) All quotations received shall be evaluated on the following:**

- a) Stage one: Pre-qualification Criteria
- b) Stage two: Administrative Compliance
- c) Stage four: Price and BBBEE

**1. Only quotations that who meet both of the following Prequalification Criteria shall be considered:**

**(i) BBBEE Level 1 (as per the provisions of section 4(1) (a) of the PPPFA Regulations, 2017); and**

**(ii) An EME (as per the provisions of section 4(1)(b) of the PPPFA Regulations, 2017);**

**(iii) CIDB grading 1 SH/CE.**

**2. Compulsory administrative compliance:**

- 2.1 Quotations must meet the Special Terms and Conditions in all aspects as stipulated in the quotation document.
- 2.2 All information required in the quotation document must be accurate and duly completed including all the appropriate signatures.
- 2.3 Use of correction fluid is prohibited.
- 2.4 Any alterations must be initialled.
- 2.5 Under no circumstances may quotation forms be retyped or redrafted.
- 2.6 Central Suppliers Database registration number.
- 2.7 A valid Tax Compliance Pin.

**3. Compulsory Documents, must be submitted with a bid:**

- 2.1. A certified copy of a valid BBBEE certificate or valid sworn affidavit.