



# agriculture & rural development

Department:
agriculture
& rural development
PROVINCE OF KWAZULU-NATAL

#### KWAZULU-NATAL DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

**BID No: ZNB 4293/18A** 

DESCRIPTION OF SERVICE: APPOINTMENT OF A SERVICE PROVIDER / CONTRACTOR FOR REHABILITATION OF MAKHATHINI IRRIGATION CANAL ONE (1) KILOMETRE AT UMKHANYAKUDE DISTRICT

NAME OF BIDDER:	
-	

### Compulsory briefing session

Venue	Mjindi Farm, Jozini
Date	08/02/2019
Time	12:00

#### **PREQUALIFICATION CRITERIA**

Only tenderers who meet the following prequalification criteria may respond: -

- (i) BBBEE Level 1 (as per the provisions of section 4(1) (a) of the PPPFA Regulations, 2017); and
- (ii) EME or QSE (as per the provisions of section 4(1) (b) of the PPPFA Regulations, 2017)
- (iii) CIDB 6 CE Minimum

#### Return of Bid:

Bid must be deposited in the bid box situated at Department of Agriculture and Rural Development, Supply Chain Management, 1 Cedara Road, Cedara, 3200 or send by post to The Director: Supply Chain Management, Private Bag X9059, Pietermaritzburg, 3200. Tel: (033) 343 8225 before 11:00 am on the closing date: 21/02/2019

#### Issued by:

The Department of Agriculture and Rural Development

1 Cedara Road

Cedara

3200



# **TABLE OF CONTENTS**

SECTIO	NS	CONTENTS	PAGE
		Cover page	1
		Table of contents	2
	SBD 1	Invitation to Bid	3-4
	SBD 3	Special Instructions and Notices to Bidders Regarding the Completion of Bidding Forms	5
	SBD 3.3	Pricing Schedule	6
	SBD 4	Declaration of Interest.	7-9
Section A	SBD 6.1	Preference Points Claim Form in Terms of the Preferential Procurement Regulations 2017	10-14
Sec	SBD 8	Declaration of bidder's past Supply Chain Management practices	15-16
	SBD 9	Certificate of Independent Bid Determination	17-19
	SBD 10	Compulsory Official Briefing Session Certificate	20
	SBD11	Authority to sign a Bid	21-26
Section I	В	General Conditions of Contract	27-41
Section (	C	Terms of references	42-56
Section I	)	Special Terms and Conditions	57-68
Section I		Bid Evaluation Criteria	69
Section F		Functionality Criteria	70

Bidders are to check that all pages and forms are included in the bid documentation and notify the Department immediately if any pages or sections are missing



PART A INVITATION TO BID

YOU ARE HERE	BY INVITED TO	BID FOR REQUI	REMENTS OF THE (N	IAME OF DEP	ARTMENT/ PUBLIC E	NTITY		
BID NUMBER:	ZNB 4293/18A		CLOSING DATE:		21/02/2019	CLOSII		11:00 AM
DESCRIPTION	APPOINTMEN	T OF A SERVICE	PROVIDER / CONTRA	ACTOR FOR R	REHABILITATION OF I	WAKHATH	INI IRRIG	ATION CANAL
BID RESPONSE	DOCUMENTS	METRE AT UMKH	ANYAKUDE DISTRICT	CITUATED AT	/CTDEET ADDRESS			
			ituated at Departr					
Supply Chair			ituated at Departi	nent of Agi	iculture and Run	ai Devei	opmeni	[
1 Cedara Ro		7116						
Cedara, 3200								
BIDDING PROCE	DURE ENQUIR	RIES MAY BE DIR	ECTED TO	TECHNICA	L ENQUIRIES MAY B	E DIRECT	ED TO:	
CONTACT PERS	ON	Mr M Ndiela		CONTACT			Mr M THE	EKISO
TELEPHONE NU	MBER	033 - 343 8225		TELEPHON	E NUMBER		033 - 355	
FACSIMILE NUM	BER	n/a		FACSIMILE	NUMBER		n/a	
E-MAIL ADDRES		mandla.ndlela@	kzndard.gov.za	E-MAIL ADD	DRESS		n/a	
SUPPLIER INFO								
NAME OF BIDDE								
POSTAL ADDRES	SS							
STREET ADDRES	SS							
TELEPHONE NUI	MBER	CODE			NUMBER			
CELLPHONE NUI	MBER							
FACSIMILE NUMI	BER	CODE			NUMBER			
E-MAIL ADDRESS	S							
VAT REGISTRAT	ION NUMBER							
SUPPLIER COMP	LIANCE	TAX			CENTRAL			
STATUS		COMPLIANCE SYSTEM PIN:		OR	SUPPLIER DATABASE No:	B4000		
B-BBEE STATUS			LICABLE BOX]	B-BBEE STA	ATUS LEVEL	MAAA	(APPLICA	ABLE BOX
VERIFICATION C	ERTIFICATE	☐ Yes		SWORN AFI	FIDAVIT	-		
_		□ res	☐ No			□ Y	es	☐ No
[A B-BBEE STA ORDER TO QUA	TUS LEVEL V	ERIFICATION C	ERTIFICATE/ SWOF	RN AFFIDAVI	T (FOR EMES & QS	Es) MUS	T BE SU	BMITTED IN
ARE YOU THE A	CCREDITED			ARE YOU A	FOREIGN BASED			
REPRESENTATIVA AFRICA FOR TI		☐Yes	□No		FOR THE GOODS ICES /WORKS	☐Yes		□No
/SERVICES /	WORKS	[IF YES ENCLOS	SE PROOF]		FFERED?	(IF YES.	ANSWER	R PART B:31
OFFERE QUESTIONNAIRE		OPEION CURDU	Fne					
			F SOUTH AFRICA (R	SA)?			YES	□NO
DOES THE ENTIT							YES	□NO
DOES THE ENTIT	Y HAVE A PER	MANENT ESTABL	ISHMENT IN THE RSA	۹?			☐ YES	□NO
DOES THE ENTIT	Y HAVE ANY S	OURCE OF INCO	ME IN THE RSA?				☐ YES	□NO
IF THE ANSWER	IS "NO" TO AL	L OF THE ABOVE	RM OF TAXATION? E, THEN IT IS NOT A F	REQUIREMEN	T TO REGISTER FOR	R A TAX C	YES OMPLIAN	□ NO ICE STATUS
3	- I IVIII IIIE (	OSTITATIONN	REVENUE SERVICE (	OAROJ AND II	F NOT REGISTER AS	PER 2.3	SELOW.	
3								



# PART B TERMS AND CONDITIONS FOR BIDDING

# 1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED—(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
- 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. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM

#### 2. TAX COMPLIANCE REQUIREMENTS

- 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 WWW.SARS.GOV.ZA.
- 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 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:



# SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF BIDDING FORMS

PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, THE KWAZULU-NATAL SUPPLY CHAIN MANAGEMENT POLICY FRAMEWORK AND THE GENERAL CONDITIONS OF CONTRACT.

- Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
- 2. Under no circumstances whatsoever may the bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
- 3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
- 4. Bids submitted must be complete in all respects.
- 5. Bids shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the bid documents.
- 6. Each bid shall be addressed in accordance with the directives in the bid documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the bid number and closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope. If this provision is not complied with, such bids may be rejected as being invalid.
- 7. All bids received in sealed envelopes with the relevant bid numbers on the envelopes are kept unopened in safe custody until the closing time of the bids. Where, however, a bid is received open, it shall be sealed. If it is received without a bid number on the envelope, it shall be opened, the bid number ascertained, the envelope sealed and the bid number written on the envelope.
- 8. A specific box is provided for the receipt of bids, and no bid found in any other box or elsewhere subsequent to the closing date and time of bid will be considered.
- 9. No bid sent through the post will be considered if it is received after the closing date and time stipulated in the bid documentation, and proof of posting will not be accepted as proof of delivery.
- 10. No bid submitted by telefax, telegraphic or other electronic means will be considered.
- 11. Bidding documents must not be included in packages containing samples. Such bids may be rejected as being invalid.
- 12. Any alteration made by the bidder must be initialed.
- 13. Use of correcting fluid is prohibited
- 14. Bids will be opened in public as soon as practicable after the closing time of bid.
- 15. Where practical, prices are made public at the time of opening bids.
- 16. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.



**SBD 3.3** 

# **PRICING SCHEDULE**

BID NO.: <b>ZNB 4293/18A</b>
CLOSING TIME 11:00

OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID.

BID NUMBER	DESCRIPTION	BID PRICE IN RSA CURRENCY *(All applicable taxes included)
ZNB 4293/18A	APPOINTMENT OF A SERVICE PROVIDER / CONTRACTOR FOR REHABILITATION OF MAKHATHINI IRRIGATION CANAL ONE (1) KILOMETRE AT UMKHANYAKUDE DISTRICT	

Signature

Official company
sfamp



2.

SBD 4

#### **DECLARATION OF INTEREST**

- 1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
  - the bidder is employed by the state; and/or
  - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

In order to give effect to the above, the following questionnaire must be

completed and submitted with the bid. 2.1 Full Name of bidder or his or her representative:..... 2.2 **Identity Number** 2.3 Position occupied in the Company (director, trustee, shareholder<sup>2</sup>): ..... 2.4 Company Registration Number: ..... 2.5 Tax Reference Number: ..... 2.6 VAT Registration Number: 2.6.1 The names of all directors / trustees / shareholders / members, their individual

 (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);

identity numbers, tax reference numbers and, if applicable, employee / persal

(b) any municipality or municipal entity;

numbers must be indicated in paragraph 3 below.

- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

<sup>1&</sup>quot;State" means -

<sup>&</sup>lt;sup>2</sup>"Shareholder" means a person who owns shares in the company and is actively involved in



the management of the enterprise or business and exercises control over the enterprise.

2.7	Are you or any person connected with the bidder presently employed by the state?	YES / NO
2.7.1	If so, furnish the following particulars:	
2.7.2	If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?	YES / NO
2.7.2.1	I If yes, did you attached proof of such authority to the bid document?	YES / NO
	(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.	
2.7.2.2	2 If no, furnish reasons for non-submission of such proof:	
2.8	Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?	YES / NO
2.8.1	If so, furnish particulars:	
2.9	Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?	YES / NO
2.9.1	If so, furnish particulars.	
2.10	Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?	YES/NO



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2.10.1	If so, furnish partice			
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			•••••	
2.11			/ shareholders / mem	
		ve any interest in any vare bidding for this o	other related compar contract?	lies
2.11.1	-			
				****
	***************************************	••••••••••	••••••••••	
			bers / shareholders.	
Full	Name	Identity Number	Personal Tax Reference Number	State Employee Number / Persal Number
4	DECLARATION			
	l,	THE		UNDERSIGNED
	(NAME) CERTIFY THAT THE	INFORMATION FU	RNISHED IN PARAGI	 RAPHS 2 and 3 ABOVE
	IS CORRECT. ACCI	EPT THAT THE STAT	TE MAY REJECT THE	<b>BID OR ACT AGAINST</b>
			3 OF THE GENER ION PROVE TO BE F	AL CONDITIONS OF ALSE.
3	Signature		Date	
ĩ	Position		Name of bidde	 er
•			01 0100	<del></del>



**SBD 6.1** 

# 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;
- 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) "prices" 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;
- "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. POINTS AWARDED FOR PRICE

# 3.1 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

$$Ps = 80\left(1 - \frac{Pt - P\min}{P\min}\right)$$
 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. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 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

5. BID DECLARATION
--------------------

5.1	idders who claim points in respect of B-BBEE Status Level of Contribution must
	omplete the following:

6.	<b>B-BBEE</b>	STATUS	<b>LEVEL</b>	OF	CONTRIBUTOR	CLAIMED	IN	<b>TERMS</b>	OF
	PARAGR	APHS 1.4	AND 4.1						

6.1	B-BBEE Status Level of Contributor:	=	(maximum of 20 points)
	(Points claimed in respect of paragraph reflected in paragraph 4.1 and must be status level of contributor.		

### 7. SUB-CONTRACTING

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

(Tick applicable box)

97		
YES	NO	

7	1	1	If w	20	ind	licate:
1.		- 1	11 7		11 16 3	11112111

- 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 NO

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 last 51% owned	EME	QSE
by:	√	√ √
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		

8.	DECLARATION WITH REGARD TO COMPANY/FIRM					
8.1	Name of company/firm:					
8.2	VAT registration number:					
8.3	Company registration number:					
8.4	TYPE OF COMPANY/ FIRM					
	<ul> <li>□ Partnership/Joint Venture / Consortium</li> <li>□ One-person business/sole propriety</li> <li>□ Close corporation</li> <li>□ Company</li> <li>□ (Pty) Limited</li> <li>[TICK APPLICABLE BOX]</li> </ul>					
8.5	DESCRIBE PRINCIPAL BUSINESS ACTIVITIES					
8.6	COMPANY CLASSIFICATION					
	<ul> <li>□ Manufacturer</li> <li>□ Supplier</li> <li>□ Professional service provider</li> <li>□ Other service providers, e.g. transporter, etc.</li> <li>[TICK APPLICABLE BOX]</li> </ul>					
8.7	Total number of years the company/firm has been in business					
8.8	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:					

ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

i) The information furnished is true and correct;



- 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.

	NATURE(S) OF BIDDERS(S)
DATE:	
ADDRESS	
	DATE:



# SBD 8 DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be disregarded if that bidder, or any of its directors have
  - a. abused the institution's supply chain management system;
  - b. committed fraud or any other improper conduct in relation to such system; or
  - c. failed to perform on any previous contract.
- In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

(tem)	(Ovelland	Yns	No
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?  (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audi alteram partem rule was applied).  The Database of Restricted Suppliers now resides on the National Treasury's website( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) and can be accessed by clicking on its link at the bottom of the home page.	Yes	No
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?  The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes	No 🗌
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		



Name of Bidder

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9	6	27	į
4	9	6	ì

**Position** 

4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to per on or comply with the contract?		Yes	No     			
4.4.1	If so, furnish particulars:						
CERTIFICATION							
CER	E UNDERSIGNED (FULL NAME)TIFY THAT THE INFORMATION FURNISHED ON THIS DECLED AND CORRECT.	ARATIO	N FOI	RM IS			
	CEPT THAT, IN ADDITION TO CANCELLATION OF A CONTR AKEN AGAINST ME SHOULD THIS DECLARATION PROVE TO			MAY			
Signa	ature Date	****					



#### CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids<sup>1</sup> invited.
- Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a pe se prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - a. disregards the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:
- <sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.
- <sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.



#### CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:	
(Bid Number and Description)	
in response to the invitation for the bid made by:	
(Name of Institution)	
do hereby make the following statements that I certify to be true and complete in every respect:	
I certify, on behalf of:	_that:
(Name of Bidder)	

#### (Name of Bidder)

- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
- 5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder



- 6. 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>3</sup> will not be construed as collusive bidding.
- 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
- In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9. 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.
- 10. 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.

Signature	Date
Position	Name of Bidder



# **COMPULSORY OFFICIAL BRIEFING SESSION CERTIFICATE**

N. B.: THIS FORM MUST BE COMPLETED AND INCLUDED IN THE BID.

Bid No: **ZNB 4293/18A** 

Service: APPOINTMENT OF A SERVICE PROVIDER / CONTRACTOR FOR REHABILITATION OF MAKHATHINI IRRIGATION CANAL ONE (1) KILOMETRE AT UMKHANYAKUDE DISTRICT

THIS IS TO CERTIFY THAT (NAME):
ON BEHALF OF:
ATTENDED THE COMPULSORY BRIEFING SESSION ON(DATE)
AND IS THEREFORE FAMILIAR WITH THE CIRCUMSTANCES AND THE SCOPE OF THE SERVICE TO BE RENDERED.
NAME AND SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE
DATE:
NAME AND SIGNATURE OF DEPARTMENTAL REPRESENTATIVE
DATE:
DEPARTMENTAL OFFICIAL STAMP:



# **AUTHORITY TO SIGN A BID**

#### A. COMPANIES

If a Bidder is a company, a certified copy of the resolution by the board of directors, personally signed by the chairperson of the board, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company must be submitted with this bid, that is before the closing time and date of the bid

# **AUTHORITY BY BOARD OF DIRECTORS**

By resolution passed by the Board of Director20
Mr/Mrs  (whose signature appears below) has been duly authorised to sign all documents in connection with this bid on behalf of
(Name of Company)
IN HIS/HER CAPACITY AS:
SIGNED ON BEHALF OF COMPANY:
(PRINT NAME)
SIGNATURE OF SIGNATORY: DATE:
WITNESSES: 1
2



# **B. SOLE PROPRIETOR (ONE - PERSON BUSINESS)** I, the undersigned...... hereby confirm that I am the sole owner of the business trading as..... SIGNATURE...... DATE...... C. PARTNERSHIP The following particulars in respect of every partner must be furnished and signed by every partner: Full name of partner Residential address Signature ...... ..... We, the undersigned partners in the business trading as.....hereby authorise ......to sign this bid as well as any contract resulting from the bid and any other documents and correspondence in connection with this bid and /or contract on behalf of SIGNATURE SIGNATURE **SIGNATURE**

DATE

DATE

DATE



# D. CLOSE CORPORATION

In the case of a close corporation submitting a bid, a certified copy of the Founding Statement of such corporation

shall be included with the bid, together with the resolution by its members authorising a member or other official of

the corporation to sign the documents on their behalf.
By resolution of members at a meeting on
at, whose
signature appears below, has been authorised to sign all documents in connection with this
bid on behalf of
(Name of Close Corporation)
SIGNED ON BEHALF OF CLOSE CORPORATION:
(PRINT NAME)
IN HIS/HER CAPACITY ASDATE:
SIGNATURE OF SIGNATORY:
WITNESSES: 1
2



# E. CO-OPERATIVE

A certified copy of the Constitution of the co-operative must be included with the bid, together with the resolution by its members authoring a member or other official of the co-operative to sign the bid documents on their behalf.

By resolution of members at a meeting on
at
Mr/Ms, whose signature appears below
has been authorised to sign all documents in connection with this bid on behalf of (Name of
cooperative)
SIGNATURE OF AUTHORISED REPRESENTATIVE/SIGNATORY:
IN HIS/HER CAPACITY AS:
DATE:
SIGNED ON BEHALF OF CO-OPERATIVE:
NAME IN BLOCK LETTERS:
NAME IN BLOCK LETTERS.
WITNESSES: 1
2



#### F. JOINT VENTURE

If a bidder is a joint venture, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of the enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the joint venture must be submitted with this bid, before the closing time and date of the bid.

# **AUTHORITY TO SIGN ON BEHALF OF THE JOINT VENTURE**

By resolution/agreement passed/reached by the joint venture partners
on20
Mr/Mrs,Mr/Mrs
Mr/Mrsand
Mr/Mrs
(whose signatures appear below) have been duly authorised to sign all documents in
connection with this bid on behalf of:(Name of Joint Venture)
IN HIS/HER CAPACITY AS:
SIGNED ON BEHALF OF (COMPANY NAME):(PRINT NAME)
SIGNATURE: DATE:
IN HIS/HER CAPACITY AS:
SIGNED ON BEHALF OF (COMPANY NAME):(PRINT NAME)
SIGNATURE: DATE:
IN HIS/HER CAPACITY AS:
SIGNED ON BEHALF OF (COMPANY NAME):(PRINT NAME)
SIGNATURE: DATE:
IN HIS/HER CAPACITY AS:



#### **G. CONSORTIUM**

If a bidder is a consortium, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of concerned enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the consortium must be submitted with this bid, before the closing time and date of the bid.

# **AUTHORITY TO SIGN ON BEHALF OF THE CONSORTIUM**

By resolution/agreement passed/reached by the consortium on20
Mr/Mrs
(whose signature appear below) have been duly authorised to sign all documents in
connection with this bid on behalf of:
(Name of
Consortium)
IN HIS/HER CAPACITY AS:
CICNATURE. DATE.



# **SECTION B**

### **GENERAL CONDITIONS OF CONTRACT**

**DEFINITIONS:** The following terms shall be interpreted as indicated:

- (a) "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- (b) "Contract" means the written agreement entered into between the Province and the Contractor, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- c) "Contract price" means the price payable to the Contractor under the contract for the full and proper performance of his contractual obligations.
- (d) "Corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
- (e) "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- (f) "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognised new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- (g) "Day" means calendar day.
- (h) "Delivery" means delivery in compliance with the conditions of the contract or order.
- (i) "Delivery ex stock" means immediate delivery directly from stock actually on hand.
- (j) "Delivery into consignees store or to his site" means delivery and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the Contractor bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- (k) "Dumping" occurs when a private enterprise abroad market its goods and services on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- (I) "Force majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such event may include, but is not restricted to, acts of the Province in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.



- (m) "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- (n) "GCC" means the General Conditions of Contract.
- (o) "Goods" means all the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- (p) "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the Contractor or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic, where supplies covered by the bid will be manufactured.
- (q) "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- (r) "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- (s) "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- (t) "Project site" where applicable, means the place indicated in bidding documents.
- (u) "Province" means the procuring Department, incorporating the KwaZulu-Natal Provincial Legislature.
- (v) "Republic" means the Republic of South Africa.
- (w) "SCC" means the Special Conditions of Contract.
- (x) "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the Contractor covered under the contract.
- (y) "Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.



#### 1. CESSION OF CONTRACTS

- 1.1 The Contract is personal to the Contractor who shall not sub-let, assign, cede or make over the Contract or any part thereof, or any share of interest therein, to any other person without the written consent of the Province, and on such conditions as it may approve.
- 1.2 This sub-clause shall not apply to sub-contracts given to regular suppliers of the Contractor for materials and minor components relating to the goods or services supplied. The Province reserves the right to require the Contractor to submit, for noting, the names of such sub-contractors in order to ascertain their registration on the Provincial Suppliers Database and they must be legal entities.

#### 2. DISCREPANCIES

Should there appear to be any discrepancies, ambiguities or want of agreement in description, dimensions, qualities or quantities in the Contract, the Contractor shall be obliged to refer the matter to the Provinces' Representative for a decision, before proceeding to execute the Contract or part thereof in respect of which the said discrepancies, ambiguities or want of agreement appear to exist.

#### 3. QUALITY AND GUARANTEE

- 3.1 All Goods supplied shall be equal in all respects to samples, patterns or specifications where such are provided. Any changes to quality or brands will have to be approved by the Province, as this is a change to the conditions of the contract.
- 3.2 Should the Province, after the award of the Contract and/or during the manufacture of the goods specified, decide on a variation or alteration to the specification, either at the suggestion of the Contractor or otherwise, which will be to the Province's advantage, such variation or alteration shall be performed to the Province's satisfaction. Any variation in the Contract Price arising there from shall be subject to agreement between the Province and the Contractor.
- 3.3 The Contractor shall not be relieved of his obligations with respect to the sufficiency of the materials and workmanship and the quality of the Goods supplied by the reason of no objection having been taken thereto by the Province's Representative at the time the Goods were delivered.
- 3.4 The Contractor warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The Contractor further warrants that all goods supplied under this contract shall have no defect, arising from design, materials or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the Contractor, that may develop under normal use of the supplied goods in the conditions prevailing in the country of the final destination.
- 3.5 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in the Special Conditions of Contract.



- 3.6 The Province shall promptly notify the Contractor in writing of any claims arising under this warranty. The Contractor shall immediately remedy the said defect free of cost to the Province. Should the Contractor delay remedial work in excess of time stipulated by the Province's representative, the Province may have such remedial work executed at the Contractor's expense. Should the Province decide that the defect is such that it cannot be remedied, the Goods may be rejected. Such rejected goods shall be held at the risk and expense of the Contractor and shall, on request of the Province, be removed by him immediately on receipt of notification of rejection. The Contractor shall be responsible for any loss the Province may sustain by reason of such action as the Province may take, in terms of this clause.
- The risk in respect of the Goods purchased by the Province under the contract shall 3.7 remain with the Contractor until such goods have been delivered to the Province.
- 3.8 The principle feature of the Goods and Work are described in the Goods or Services Information, but the Goods or Services Information does not purport to indicate every detail of construction, fabrication or arrangements of Goods and Works necessary to meet the requirements. Omission from the Goods or Services information of reference to any part or parts shall not relieve the Contractor of his responsibility for carrying out the Work as required under the Contract.
- If any dispute arises between the Province and the Contractor in connection with the 3.9 quality and guarantee of the Goods, either party may give the other notice in writing of the existence of such dispute, and the same shall thereupon be referred to arbitration in South Africa by a person mutually agreed upon by both parties. The submission shall be deemed to be a submission to arbitration within the meaning of the terms of the arbitration laws in force in the Republic of South Africa.

#### FAILURE TO COMPLY WITH CONDITIONS AND DELAYED EXECUTION 4.

- 4.1 If a bidder amends or withdraws his/her/their bid after the closing time but before the bidder is notified that his/her/their bid has been accepted, or when notified that his/her/their bid has been accepted, he/she/they fail/fails, within the period stipulated in the conditions of bid or such extended period as the Province may allow, to sign a contract or to provide security when requested to do so, he/she/they shall, unless the Province decides otherwise, and without prejudice to any other right which the Province may have under paragraphs 4.2 and 4.4, including the right to claim damages if a less favourable bid is accepted or less favourable arrangements are to be made, forfeit any deposit which may have been made with the bid.
- Should the contractor fail to comply with any of the conditions of the contract, the 4.2 Province shall be entitled, without prejudice to any of its other rights, to cancel the contract.
- Upon any delay beyond the contract period in the case of a supplies contract, the 4.3 Province shall, without canceling the contract, be entitled forthwith to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any supplies delivered later at the contractor's expense and risk, or forthwith to cancel the contract and buy such supplies as may be required to complete the contract, and without prejudice to its rights, be entitled to claim damages from the contractor.



- 4.4 Upon any delay beyond the contract period in the case of a service contract, the Province shall, without prejudice to any other right and without canceling the contract, be entitled forthwith to arrange the execution of the service not rendered in conformity with the contract or to cancel the contract, and without prejudice to its other rights, be entitled to claim damages from the contractor.
- 4.5 In the event of the Province availing itself of the remedies provided for in paragraph 4.2-
  - 4.5.1 the contractor shall bear any adverse difference in price of the said supplies services and these amounts plus any other damages which may be suffered by the Province, shall be paid by the contractor to the Province immediately on demand, or the Province may deduct such amounts from moneys (if any) otherwise payable to the contractor in respect of supplies or services rendered or to be rendered under the contract or under any other contract or any other amounts due to the contractor; or
  - 4.5.2 if the Contractor fails to supply the goods or render the service within the period stipulated in the contract, the Province shall have the right, in its sole discretion, to claim any damages or loss suffered.
- 4.6 No damages shall be claimed in respect of any period of delay which the contractor can prove to be directly due to a state of war, sanctions, strikes, lockouts, damage to machinery as a result of accidents, fire, flood or tempest or act of God, which could not be foreseen or overcome by the contractor, or to any act or omission on the part of persons acting in any capacity on behalf of the Province.
- 4.7 If the delivery of the supplies or the rendering of the service is likely to be delayed or is in fact being delayed on account of any of the reasons mentioned in paragraph 4.6, full particulars of the circumstances shall be reported forthwith in writing to the Province and at the same time the contractor shall indicate the extension of the delivery period which is desired.

### 5. PATENTS

- 5.1 The Contractor shall pay all royalties and expenses and be liable for all claims in respect of the use of patent rights, trademarks or other protected rights, and hereby indemnifies the Province against any claims arising there from.
- 5.2 The Contractor shall indemnify the Province against all third-party claims of infringement of patent, trademark, or industrial design rights arising from the use of the goods or any part thereof by the Province.

### 6. PACKAGING, MARKING AND DELIVERY

- 6.1 All goods shall be crated, packed or battened securely in such a manner as to prevent damage during loading, transport and off-loading. Unless otherwise specified, packing cases and packing materials are included in the Contract Price, and shall be and remain the property of the Province.
- 6.2 All goods shall be clearly marked in the manner stated in the Goods or Services Information.



- 6.3 Goods shall be delivered to the address within the Province's area of jurisdiction as set out in the Special Conditions of Contract or Goods and Services Information.
- 6.4 Goods shall be delivered on Weekdays between 08:00 and 16:00, free of all charges, only when ordered upon an official letter or form of order issued by the Province. No goods will be received on Saturdays, Sundays and public holidays. This paragraph (6.4) is applicable only when not excluded in the Special Conditions of Contract.
- 6.5 Goods delivered shall in all cases be accompanied by delivery notes in duplicate, one which will be retained by the Province. The Contractor shall be responsible for the safe delivery as to the quality, quantity and condition of the goods.
- 6.6 Delivery, unless otherwise provided for in the Special Conditions of Contract, shall be affected within seven (7) days from receipt of the order. The Contractor shall advise the Province upon receipt of an order in writing of any anticipated delays, citing reasons therefore and put forward a new anticipated delivery date. The Province may then extend the delivery date, if and as it deems fit.
- 6.7 Should the Contractor fail to supply the material within the time stated in his bid, or within the extended time allowed to him in terms of clause 6.6 hereof, the Province reserves the right (after giving the Contractor seven days notice in writing) to cancel the contract and purchase the materials elsewhere and the bidder shall refund to the Province any extra cost incurred over and above the contract price. No liability shall, however, be attached to the Contractor if delivery of materials is rendered impossible or delayed by reason of circumstances beyond the Contractor's control.
- 6.8 If the Contractor cannot produce proof satisfactory to the Province that the delay was due to circumstances beyond his control, no price increase after the due date will be recognized.
- 6.9 If at any time the Province ascertains that, due to negligence of the Contractor or for reasons beyond his control:
- 6.9.1 No work on the order has been commenced and in the opinion of the Province, there is little or no prospect of work being commenced in reasonable time;
- 6.9.2 Delivery of any materials is being or is likely to be delayed beyond the delivery date promised, and/or
- 6.9.3 There is little or no prospect of the order being completed within a reasonable time after the promised date; the Province may, by notice to the Contractor in writing, cancel as from the future date specified in such notice, the whole or any part of the order in respect of which material has not been delivered by that date without incurring any liability by reasons of such cancellation. The cases where circumstances beyond the control of the Contractor have delayed commencement or completion of the order, cancellation of the order will be effected by mutual arrangement or where this is not possible by the decision of the Province. The Contractor shall then as soon as possible after such date deliver to the Province that part of the order which has been completed, and payment is to be effected is for the part performance on a proportional basis, subject to the uncompleted part not being an integral or essential part of the contract.
- 6.10 Should a price other than an all-inclusive price be required, this shall be specified in the SCC.



#### 7. CONSIGNMENT OF GOODS

- 7.1 Goods, if delivered by Spoornet may be consigned carriage paid in the Contractor's name, care of the Province to the place of delivery stipulated, but not in the name of the State. Goods consigned to stores located in areas which Spoornet may refuse to deliver, must be done so care of a local agent or to a local depot from which they may be re-delivered by road to such stores.
- 7.2 Contractors shall arrange with Spoornet to deliver goods to the Province's stores during the hours and on the days that the stores are open.
- 7.3 The Province will not be responsible for any damage, re-delivery charges or any other charges raised by Spoornet.
- 7.4 Claims on the South African Transport Services or on any other carrier in respect of weight, quantity, damage or loss, shall be made by the Contractor.

#### 8. PAYMENT

- 8.1 The Contractor shall furnish the Province with an invoice accompanied by a copy of the delivery note upon fulfilment of other obligations stipulated in the contract.
- 8.2 Payments shall be made promptly by the Province, but in no case later than thirty days (30) days after submission of an invoice or claim by the Contractor.
- 8.3 Payments will be made in Rand unless otherwise stipulated.
- 8.4 Payments for goods are made by the Province only. Any disputes regarding late or delayed payments must be taken up with the Department and if a problem persists, the Supply Chain Management Office can be requested to investigate the delays.

#### 9. INVOICES

All invoices submitted by the Contractor must be Tax Invoices indicating quantity ordered and quantity delivered, the amount of tax charged and the total invoice amount.

#### 10. CONTRACT PRICE ADJUSTMENT

- 10.1 Firm contract prices shall not be subject to adjustment. Contract prices which are not firm shall be increased or reduced by the amount of variation between the Cost to Bidder and the actual cost to the Contractor, such variations to be subject to the following conditions:-
  - 10.1.1 Where the Cost to Bidder was based on a printed catalogue or list price, the variation shall be the difference between that price list and the price list actually charged. Should it transpire that the Cost to Bidder was not based on the latest available price list at the Date of Bid, the Province shall have the right to elect the price list on which any variation shall be based.



- Where the Cost to Bidder was based on a quotation by the manufacturer, or where the Contractor is the manufacturer, and the Contract Price was based on the cost of materials and labour ruling at a certain date, the variation in the Contract Price shall be calculated by means of the Steel and Engineering Industries Federation of South Africa (SEIFSA) formula if this is stipulated in the Contract, or if the Province's representative considers it to be appropriate. Where the use of the SEIFSA formula is not appropriate, the variation shall be calculated by means of another formula acceptable to the Province, which shall be indicated in the Special Conditions of Contract. Only those cost increases due to wage increases prescribed by regulating measures having the force of law, or increases in the cost of materials and railage as may be proven by documentary evidence, or published data, will be considered in determining Contract Price variation.
- Any difference between Rates and Charges ruling at the time of bid and those actually paid by the Contractor will be for the account of the Province. The Contract Price adjustment arising from any variation in Rates and Charges shall, in every instance, be applied to the appropriate value, or tonnage, of the Goods shipped. Where a variation in the Cost to bidder has been allowed, the contract price shall be adjusted by the product of such variation and every component of Rates and Charges which is based on the value of the Goods, whether or not the costs of such components have varied.
- 10.1.4 No claim for increased costs will be entertained if the Contractor is unable to produce documentation to substantiate Cost to Bidder and Rates and Charges on which the contract price was based and documentation to support his claim. Such documentation must, in the opinion of the Province, adequately support the Contractor's claim. No claim for increased costs to the Contractor arising from negligence on his part, or that of the manufacturer, will be considered.
- 10.1.5 The Contractor shall, in respect of every consignment or shipment of Goods delivered, supply to the Province's Representative documentary evidence of variation, if any, in Cost to Bidder and Rates and Charges.
- 10.1.6 Claims for increased cost shall be submitted with the invoice for the Goods in respect of which the claim is made, or as soon thereafter as possible. Claims shall not be considered if received more than 90 days after the expiry of the Contract unless notice of intention to claim has been given to the Province before such date.
- 10.1.7 In the event of there being no claim by the Contractor for increased costs, the Contractor shall not be entitled to full payment under the Contract before he has submitted to the Province, in his own name or in the name of the manufacturer, a certificate declaring that there have been no adjustments in the cost of manufacture which entitle the Employer to a reduction in the Contract Price as provided for in this clause.



# 11. REMEDIES IN THE CASE OF DEATH, SEQUESTRATION, LIQUIDATION OR JUDICIAL MANAGEMENT

- 11.1 In the event of the death of a contractor or the provisional or final sequestration of his/her/their estate or of his/her/their cession or transfer of a contract without the approval of the Province or of the surrender of his/her/their estate or of his/her/their reaching a compromise with his/her/their creditors or of the provisional or final liquidation of a contractor's company/closed corporation or the placing of its affairs under judicial management, the Province may, without prejudice to any other rights it may have, exercise any of the following options:
  - 11.1.1 Cancel the contract and accept any of the bids which were submitted originally with that of the contractor or any offer subsequently received to complete the contract. In such a case the estate of the contractor shall not be relieved of liability for any claim which has arisen or may arise against the contractor in respect of supplies not delivered or work not carried out by the contractor, under the contract.
  - 11.1.2 Allow the executor, trustee, liquidator or judicial manager, as the case may be, for and on behalf of and at the cost and expense of the estate of the contractor to carry on with and complete the contract.
  - 11.1.3 For and on behalf of and at the cost and expense of the estate of the contractor, itself carry on with and complete the contract and in that event the Province may take over and utilize, without payment, the contractor's tools, plant and materials in whole or in part until the completion of the contract.
- 11.2 Should the Province elect to act in terms of paragraph 11.1.3 it shall give notice of its requirements to the executor, trustee, liquidator or judicial manager of the contractor's estate and should the said executor, trustee, liquidator or judicial manager fail within 14 days of the dispatch of such notice to make provision to the satisfaction of the Province for the fulfillment of such requirements, or should no trustee, liquidator or judicial manager be appointed within 14 days of the occurrence mentioned in paragraph 11.1, the Province may apply any remedy open to it in terms of the contract as if a breach thereof had taken place.
- 11.3 Should the Province act in terms of paragraph 11.1.3 the contractor must leave the premises immediately and may not occupy such premises on account of retention or any other right.

#### 12. LAW TO APPLY

12.1 The Contract shall in all respects be construed in accordance with the law of the Republic of South Africa, and any difference that may arise with the law of the Republic of South Africa, and any difference that may arise between the Province and the Contractor in regard to the Contract, shall be settled in the Republic of South Africa.

### 13. OFFERING OF COMMISSION OR GRATUITY

13.2 If the Contractor, or any person employed by him, is found to have either directly or indirectly offered, promised or given to any office bearer of the Province or person in the employ of the Province, any commission, gratuity, gift or other consideration, the Province shall have the right, summarily and without recourse to law and without prejudice to any other legal remedy which it may have in regard to any loss or additional cost or expenses, to cancel the Contract without paying any compensation to the Contractor.



#### 14. PREFERENCES

- 14.1 Should the Contractor apply for preferences in the submission of his bid, and it is found at a later stage that these applications were incorrect or made under false pretences, the Province may, at its own right:-
  - 14.1.1 Recover from the Contractor all costs, losses or damages incurred or sustained by the Province as a result of the award of the Contract; and / or
  - 14.1.2 Cancel the contract and claim any damages which the Province may suffer by having to make less favourable arrangements after such cancellation.
  - 14.1.3 The Province may impose penalties, however, only if provision therefore is made in the Special Conditions of Bid.

#### 15. WEIGHTS AND MEASURES

15.1 The quantities of goods offered or delivered shall be according to South African standard weights and measures.

#### 16. SECURITY

- 16.1 Special Conditions of Contract relating to Surety/Guarantee requirement must be dealt with in strict compliance with the Conditions of Bid set out herein.
- 16.2 In respect of contracts less than R 500 000, the guarantees and sureties required may be based on a risk evaluation conducted by the Province inviting the bid.
- 16.3 No deposits are required for bid applications for contracts below R 500 000.

#### 17. ORDERS

- 17.1 Goods shall be delivered and services rendered only upon receipt of a written official order or the signing of a contract with the Province, and accounts shall be rendered as indicated on the official order or in the contract, as the case may be.
- 17.2 The Province reserves the right to call upon any Contractor during the contract period to make known the following details:
  - 17.2.1 Name of Institution placing order;
  - 17.2.2 Provincial official order number;
  - 17.2.3 Quantity ordered; and
  - 17.2.4 List of items ordered.

### 18. EXPORT LICENCES

- 18.1 When orders are placed for goods in respect of which an export licence from the country of origin of supplies is required, the Contractor shall:
  - 18.1.1 Not incur any direct or indirect costs in connection with the supply or dispatch of such supplies before he has obtained such licence;
  - 18.1.2 If the government of the country from which the supplies are to be exported refuses, or fails to grant such licence within three months of the placing of the order, the order shall be considered to be cancelled and no liability will be accepted for any loss or expenses irrespective of the nature thereof, including loss or expenditure suffered or incurred by the Contractor or any other person in respect of the production, supply, transportation or delivery of such supplies.



## 19. INSURANCE

- 19.1 The goods supplied under the contract shall be fully insured in a freely convertible Currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.
- 19.2 Any insurance policies taken out by a Contractor to cover goods delivered for a contract must be taken out with a company registered in South Africa in terms of relevant insurance and companies acts.

## 20. INSPECTION, TESTS AND ANALYSES

- 20.1 In terms of Provincial policy, inspections of a Bidder's goods and services are permitted. Bidders and Contractors must allow reasonable access to premises to officials from the Department inviting the bid, or person specially appointed by the Province to carry out inspection or tests. There are two main categories: Firstly, where the bid conditions call for goods to be inspected during the contract period. Secondly, where the inspection results are to be submitted with the bid document.
- 20.2 If it is a bid condition that goods to be produced should at any stage during production or on completion be subject to inspection, the premises of the Contractor shall be open, at all reasonable hours, for inspection by a representative of the Province or of an organization acting on its behalf.
- 20.3 Inspections tests and analyses may be carried out prior to dispatch in regard to such contract goods as may be deemed necessary by the Province, and the Contractor shall provide, if required, all the required facilities for the inspection, tests and analyses of the goods free of charge and shall, if required, provide all the materials, samples and labour and available apparatus which may be required for the purposes of such inspection, tests and analyses free of charge, unless otherwise specified.
- 20.4 If there are no inspection requirements in the bid documents and no mention thereof is made in the letter of acceptance, but during the contract it is decided that inspections shall be carried out, the Province shall itself make the necessary arrangements, including payment arrangements, with the testing authority concerned. The premises of the Bidder Contractor must be open and accessible at all reasonable times for the purposes of these tests.
- 20.5 If the inspection, tests and analyses show the goods or service to be in accordance with contract requirements, the cost of the inspection, tests and analyses shall be defrayed by the Province calling for such tests or analyses. Where the supplies or services do not comply with the contract, the costs shall be defrayed by the Contractor and the Province shall have the right, without prejudice to any other legal remedy it may have, to deduct such costs from payments due to the Contractor under the contract or under any other contract.
- 20.6 Goods and services which do not comply with the contract requirements may be rejected.
- 20.7 Any goods may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract, and such rejected goods shall be held at the cost and risk of the Contractor who shall, when called upon, remove them immediately at his own cost and forthwith substitute them



for goods which do comply with the requirements of the contract, failing which such rejected goods shall be returned at the Contractor's cost and risk. Should the Contractor fail to provide the substitute goods forthwith, the Province may, without giving the Contractor a further opportunity to substitute the rejected goods, purchase such supplies as may be necessary at the expense of the Contractor, for example, the transport costs and other expenses regarding the rejected goods must be refunded by the Contractor.

- 20.8 Where imported goods are to be inspected before delivery, the Contractor shall notify his suppliers abroad of the conditions applicable to inspections.
- 20.9 Provisions contained in sub-clause 20.1 and 20.8 shall not prejudice the right of the Province to cancel the contract on account of a breach of the conditions thereof.

## 21. RESTRICTION OF BIDDING

21.1 Without prejudice on any other legal remedies, the Province may impose restrictions on a Bidder in terms of which bids to the Province will not be accepted for such period as determined by the Province. This information may be passed to other provinces or State organisations in the Republic of South Africa. These restrictions may be imposed in terms of the breach of any of the requirements to be met in terms of the accepted bid or contract. The Province may also make a restriction on a bidder from another province or State institution applicable to this Province.

## 22. CONTRACTOR'S LIABILITY

- 22.1 In the event of the contract being cancelled by the Province in the exercise of its rights in terms of these conditions, the Contractor shall be liable to pay to the Province any losses sustained and/ or additional costs or expenditure incurred as a result of such cancellation, and the Province shall have the right to recover such losses, damages or additional costs by means of set-off from moneys due or which may become due in terms of the contract or any other contract or from guarantee provided for the due fulfilment of the contract and, until such time as the amount of such losses, damages or additional costs have been determined, to retain such moneys or guarantee or any deposit as security for any loss which the Province may suffer or may have suffered.
- 22.2 The Contractor may be held responsible for any consequential damages and loss sustained which may be caused by any defect, latent or otherwise, in supply or service rendered or if the goods or service as a result of such defect, latent or otherwise, does not conform to any condition or requirement of the contract.

## 23. PRICE LISTS

23.1 Price lists which are part of the contract shall not be amended without the approval of the Province, unless the SCC specify otherwise.

## 24. SUBMISSION OF CLAIMS

- 24.1 Claims must be submitted within 90 days of the delivery date of items, but the delivery date will be calculated according to the delivery period stipulated in terms of the contract, unless an extension for late delivery has been granted by the Province.
- 24.2 For period contracts, no price increase will be granted within the first 180 days of the contract period. No price increase applications which are submitted later than 90 days



after the contract period expired will be considered. The claims shall be accompanied by documentary proof and, if required, an auditor's report sustaining the claim shall be provided.

24.3 Claims referring to formulae and indices must be clearly set out in terms of indices or formulae values used to calculate the bid price, and the adjusted indices or values.

## 25. PROVINCIAL PROPERTY IN POSSESSION OF A CONTRACTOR

- 25.1 Province's property supplied to a Contractor for the execution of a contract remains the property of the Province and shall at all times be available for inspection by the Province or its representatives. Any such property in the possession of the Contractor on the completion of the contract shall, at the Contractor's expense, be returned to the Province forthwith.
- 25.2 The Contractor shall be responsible at all times for any loss or damages to the Province's property in his possession and, if required, he shall furnish such security for the payment of any such loss or damages as the Province may require.

## 26. RIGHTS TO PROCURE OUTSIDE THE CONTRACT

- 26.1 The Province reserves the right to procure goods outside the contract in cases of urgency or emergency or if the quantities are too small to justify delivery costs, or if the goods are obtainable from another organ of Province or if the Contractor's point of supply is not situated at or near the place where the goods are required or if the Contractor's goods are not readily available.
- 26.2 No provision in a contract shall be deemed to prohibit the obtaining of goods or services from a Province or local authority.

## 27. AMENDMENT OF CONTRACT

27.1 No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force and effect unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing.

## 28. NOTICES

- 28.1 Every written acceptance of a bid shall be posted to the supplier/bidder concerned by registered or certified mail and any other notice to him/her/it shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him/her/it in writing and such posting shall be deemed to be proper service of such notice.
- 28.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting such notice.

## 29. INCIDENTAL SERVICES

- 29.1 The Contractor may be required to provide any or all of the following services, including additional services, if any, specified in the Special Conditions of Bid:
  - (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods:



- (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the Contractor of any warranty obligations under this contract; and
- (e) training of the Province's personnel, at the Contractor's plant and/or onsite, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.
- 29.2 Prices charged by the Contractor for incidental services, if not included in the Contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Contractor for similar services.

## 30. USE OF CONTRACT DOCUMENTS AND INFORMATION INSPECTION

- 30.1 The Contractor shall not, without the Province's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Province in connection therewith, to any person other than a person employed by the Contractor in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 30.2 The Contractor shall not, without the Provinces prior written consent, make use of any document or information mentioned in GCC clause 30.1 except for purposes of performing the contract.
- 30.3 Any document, other than the contract itself mentioned in GCC clause 30.1 shall remain the property of the Province and shall be returned (all copies) to the Province on completion of the Contractor's performance under the contract of so required by the Province.
- 30.4 The Contractor shall permit the Province to inspect the Contractor's records relating to the performance of the Contractor and to have them audited by auditors appointed by the Province, if so required by the Province.

## 31. SPARE PARTS

- 31.1 If specified in SCC, the Contractor may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Contractor:
  - (a) such spare parts as the Province may elect to purchase from the Contractor, provided that this election shall not relieve the Contractor of any Warranty obligations under the contract.
  - (b) In the event of termination of production of the spare parts:
    - (i) Advance notification to the Province of the pending termination, in sufficient time to permit the Province to procure needed requirements; and
    - (ii) Following such termination, furnishing at no cost to the Province, the blueprints, drawings, and specifications of the spare parts, if requested.



## 32. PENALTIES

32.1 Subject to GCC Clause 4, if the Contractor fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the Province shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of delayed goods or unperformed services, using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The Province may also consider termination of the contract in terms of the GCC.

## 33. ANTI-DUMPING AND COUNTERVAILING DUTIES AND RIGHTS

33.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favorable difference shall on demand be paid forthwith by the Contractor to the State or the State my deduct such amounts from moneys (if any) which may otherwise be due to the Contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

## 34. GOVERNING LANGUAGE

34.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

## 35. TAXES AND DUTIES

- 35.1 A foreign Contractor shall be entirely responsible for all taxes, stamp duties, licence fees, and other such levies imposed outside the Province's country.
- 35.2 A local Contractor shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the Province.
- 35.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Province must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.



## **SECTION C**

## TERMS OF REFERENCE

# APPOINTMENT OF A SERVICE PROVIDER / CONTRACTOR FOR REHABILITATION OF MAKHATHINI IRRIGATION CANAL ONE (1) KILOMETRE AT UMKHANYAKUDE DISTRICT

## 1. BACKGROUND

1.1. Achieving and maintaining high levels of growth in the agricultural sector is a key national policy objective that holds a high priority in the programmes of the KwaZulu-Natal Department of Agriculture and Rural Development (herein after referred to as Department). The Department endeavours to contribute to economic growth within the agricultural sector and in the process promote commercialization in the smallholder farm sector, increase opportunities for skilled and relatively unskilled employment, and increase food security. The Department has therefore prioritized the need to assist resource-poor and emerging farmers with tunnels and irrigation requirements.

## 2. OBJECTIVES

- 2.1. The Department seeks to appoint a suitable Service Provider to supply, deliver and install all necessary material and equipment for the rehabilitation of 1km length of the concrete lined parabolic shaped irrigation canal
- 2.2. The Department desires that the work required be of a high standard and be completed in the shortest practical time whilst making use of local labor where practical and possible.
- 2.3. The Department desires that the contractor performs the geotechnical investigation of the in-situ material and provides recommendations prior to the commencement of works
- 2.4. The Department desires the construction of a temporary diversion earth canal in accordance with the geotechnical specialist recommendations. The earth canal will be used to supply water during rehabilitation of the main canal ensuring that water supply is not hindered to the downstream farmers.
- 2.5. The sucessful contractor would be required to supply proof and intricate knowledge for the implementation of a project of this nature.

## 3. SCOPE OF SERVICES

- 3.1. The contract comprises the civil engineering and related works for rehabilitation of the concrete lined parabolic shaped irrigation canal (1km length) and an installation of the subsurface drainage as per the recommendations from the geotechnical specialist. The contract also includes the diversion of irrigation water via an earthen canal to be constructed by the contractor and shall be in line with geotechnical specialist recommendations.
- 3.2. Typical cross sectional drawings for the works are attached, however construction drawings shall be made available upon completion of the geotechnical investigations.



## 4. PROJECT LOCATION

- 4.1. The site of the works is located in Makhathini Block 15 in Jozini Local Municipality, KwaZulu-Natal Province.
- 4.2. Lat / Long: 27° 29' 40.35" S32° 11' 33.10" E





# TECHNICAL SPECIFICATION FOR THE REHABILITATION OF MAKHATHINI IRRIGATION CANAL

## PROJECT DESCRIPTION

The project is located at Jozini under the uMkhanyakude District Municipality. The total length of the irrigation canal network is approximately 27km. The canal is being used by the farmers to irrigate approximately 4500ha. The canal construction was done during the 1980's and is currently managed by Mjindi Farming. Over the years the condition of the canal has deteriorated due to various factors. The section of the canal to be rehabilitated stretches over 1km. The rehabilitation process will include replacing the damaged canal sections, geotechnical investigation of the in situ soil material, constructing and shaping a temporary earth diversion canal and installing a subsurface drainage network as per the recommendations of the geotechnical specialist.

## **PROJECT LOCATION**

District:

**Umkhanyakude District Municipality** 

Local Municipality:

Jozini.

The site is situated:

Along Makhathini main canal at approximately 20.km South-East of Jozini

## DISCLAIMER

- 1. This document must be read in conjunction with the following documents:
  - Schedule of Quantities;
  - Typical Drawings
- 2. If the contractor has the impression that the information provided in the drawing(s) and the technical specifications/Schedule of quantities contradict each other or are perceived to be ambiguous, (s)he should point this out to the Engineer and ask for clarification at an early stage, but not later than before the commencement of any construction. The same applies for purported differences between the technical specifications and schedule of quantities.
- 3. The Engineering Services Section (ESS) takes no responsibility for the rehabilitation works of the canal on the basis of this document alone without any prior involvement of ESS before (partial) completion.

This involvement consists of, but is not necessarily restricted to:

- Signing off of the bid/quote document and Drawing(s) by ESS;
- b. Presence of ESS at the handover of the site to the contractor and at the commencement of the work. The contractor is to make sure that ESS is informed of his/her intention to commence the work so that ESS presence can be assured.
- c. Supply to the contractor by ESS of an A1 size plan of the earth and concrete canal cross sections and A3 print of the VIP toilet (if required). The drawings supplied with this document are for quoting/bidding purposes only and no construction should take place before the contractor has received the full sized plans.



## UMNYANGO WAKZN: WEZOLIMO NOKUTHUTHUKISWA KOMPHAKATHI WASEMAKHAYA

- d. Regular site inspections by ESS and the processing of invoices on the basis of achieved progress.
- District managers and other departmental end users are therefore required to involve ESS at the earliest possible stage, i.e. during PPC meetings or before submission of the request memo is submitted.

## PROJECT TECHNICAL SPECIFICATIONS

## PRELIMINARIES AND GENERAL

The contractor is to note that all insurances (UIF, workmen's compensation, works, public liability etc.); site and equipment safety; site establishment and security; services (water and electricity); testing of materials and any specialist services are for the contractor's responsibility and attention throughout the contract duration until handover of the project. The Department reserves the right to stop progress of the works in case of non-compliance until these conditions are complied with.

## **EARTHWORKS AND SITE PREPARATIONS**

Normal regulations regarding safety, municipal by-laws, contamination of water sources, erosion, siltation etc. will still apply. Site preparations & establishment: SABS 1200 AA (4).

Setting out of works: SABS 1200 AA (5.1.1). The TLB and Tipper trucker will be provided for by the Mjindi Farming Enterprise, the contractor is expected to provide the operators and fuel for these equipment. It is therefore required that the contractor's quote reflects the operator's rate and provision of fuel when excavating and/or delivery with the aid of a TLB or tipper truck respectively.

## MATERIALS AND CONSTRUCTION

All materials must be newly purchased and conform to SABS specifications for the products. This includes all items such as bricks, blocks, brick reinforcement, damp proofing, lintels, glazing, plumbing and drainage, curtains, etc... All construction works must conform to the applicable standard specifications and installation requirements as per NBR requirements and manufacturers recommendations. All concrete works to conform to CNCI standards and recommendations.

## STANDARD CONCRETE MIXES

Mixing, pouring and curing of concrete: SABS 1200 GA (5.4)

Materials: SABS 1200 AA (3); SABS 1200 GA (3)

Cement: Common cement 32,5N or R to SANS 50197-1

Testing: SABS 1200 AA (7); SABS 1200 GA (7)

## FINISHES TO IN-SITU CONCRETE

## Class U1 Ordinary Finish

Immediately after placing, the concrete shall be finished rough by screeding with the edge of a wooden board of straight and true line and working between guides set accurately to level.

No mortar shall be added and noticeable surface irregularities caused by the displacement of coarse aggregate shall be made good by re-screeding after removing or tamping down the offending aggregate.

## Class U2 Wood Float Finish

The concrete surface shall first be brought to the standard Class U1 ordinary finish and then floated with a wood float. Floating shall be started as soon as the screed finish is stiffened sufficiently and bleed



water has evaporated or been removed and it shall be the minimum necessary to produce a surface free from screed marks and uniform in texture.

## Class U3 Coarse Brush Surface Finish

The concrete surface shall first be brought to a Class U1 ordinary finish. A coarse brush finish is then applied with a coarse bristle brush. "Brushing" shall be started soon after screeding to produce a uniform patterned coarse surface finish with a rough surface texture in the direction of the desired drainage direction.

## Class U4 Steel Float Finish

The concrete surface shall first be brought to the standard Class U1 ordinary finish and then floated with a steel power float. Floating shall be started as soon as the screeded finish is stiffened sufficiently and bleed water has evaporated or been removed and it shall be the minimum necessary to produce a surface free from screed marks and uniform in texture.

## STANDARD CONCRETE MIXES:

Cement and aggregates shall be mixed by volume and the contents of a 50kg sack of cement shall be taken to be 0,033m³. Water addition should be kept to a minimum. Only sufficient water should be used to produce a workable mix of 60-100mm slump. A recommended maximum water: cement ratio is 1 for a 10MPa; 0.8 for a 15MPa; 0.65 for a 20MPa; 0.59 for a 25MPa; 0.53 for a 30MPa mix, however the lower the ratio the better the durability of the concrete. Approximately 210 litres per m³ of concrete is required for an average quality sand and optimum quantity 19mm stone. Concrete for non-structural purposes shall be "Prescribed mix concrete" produced in accordance with the requirements indicated in table 5.1, and the Contractor is also referred to the foregoing preambles insofar as they apply: -

Class of	Min.	Max. Nominal	Proportion of Constituents					
Concrete	Compressive	Size of Coarse	Cement (Parts)	Sand (Parts)	Stone (Parts)			
	Strength in MPA	Aggregate in						
	at 28 Days	mm						
Α	10	37,5	1 (1 Wheelbarrow	4	5			
			= 2 bags of					
			cement)					
B <sup>1</sup>	15	19,0	1	3	4			
C <sup>2</sup>	20	19,0	1	2.5	3.5			
D	25	19,0	1	2	3			
E	30	19,0	1	2	21/2			
<sup>1</sup> This proje	ect: foundations + po	le bases	1 (=2 bags)	4	4			
<sup>2</sup> Shed floo	or, tank stand floor, a	pron	1 (=2 bags)	3	3			

DI ACTED CLASS.	MIX RATIO:	MASONRY	LIME:	SAND: (loose and
PLASTER CLASS:	(By Volume)	CEMENT: kg	L	damp) L (max)
Rich mix (fdns, wet areas)	1:4	50	0-10	130
General purpose	1:5	50	0-40	165



MORTAR CLASS	MIX RATIO:	MASONRY	LIME:	SAND: (loose and
WORTAN CLASS	(By Volume)	CEMENT: kg	L	damp) L (max)
	1:4	50	0-10	130
II	1:6	50	0-40	200
This project	1:5	50	0-25	165

## PROJECT PARTICULAR SPECIFICATIONS

## Project Description /Background

The project is located at Jozini under the uMkhanyakude District Municipality. The total length of the irrigation canal network is approximately 27km. The canal is being used by the farmers to irrigate approximately 4500ha. The canal construction was done during the 1980's. Over the years, the condition of the canal has deteriorated due to low maintenance levels as well as human interference in the area. Currently the Department would like to rehabilitate approximately 1km of the parabolic shaped concrete irrigation canal with a cross-sectional area of 0.68m². The causes of canal failure cannot be easily attributed; hence the Department would like to investigate the soil in the area and make recommendations on the rehabilitation. The drawings attached in this document are for illustration purposes, the construction technical drawings shall be supplied to the appointed contractor during site hand-over.

## Outline Scope of Works for the Entire Section to be Rehabilitated

This section outlines the generic scope of works that will apply to the conduct the rehabilitation works. The scope of works is detailed below and will it is subject to investigation by the geotechnical specialist:

- 2.2.1. Geotechnical investigation of the in situ soil material and presentation of report with recommendations:
- 2.2.2. Removal of silt and plants from the canal between the main canal;
- 2.2.3. Removal of vegetation (grass, trees and shrubs) up to 1m away from both sides of the canal:
- 2.2.4. Removal field fence for the farmers adjacent to the canal and also reinstating the fence at completion
- 2.2.5. Excavate and shape a temporary earth canal in consultation with the project engineer and inline with the recommendations from the geotechnical specialist;
- 2.2.6. Removal of the concrete lining as specified by the engineer and dispose rubble to dump site;
- 2.2.7. Remove dispersive soils and replace with passive soils, to specified depths by the geotechnical specialist and project engineer;
- 2.2.8. Installation of a subsurface drainage network as per the geotechnical specialist recommendations;
- 2.2.9. Shaping of the canal to specified shape and size by the geotechnical specialist and project engineer;
- 2.2.10. Place the ref 193 welded mesh with 50mm cover;
- 2.2.11. Repair of the concrete lining with minimum 30MPa/19mm concrete and installation of concrete impregnated fabric at designated areas; and
- 2.2.12. Backfilling of the temporary earth canal upon completion of the concrete works;

The specifications are to be read concurrently with the Schedule of Quantities of the project. The contractor should verify any possible unclear issues arising from the documents with the Engineer.

## **Project Locality**

The project is located at the following coordinates 27°29'40"S 32°11'33"E adjacent to the D1839 road bridge towards Gedleza location at the Jozini Local Municipality. The project is 1km from the bridge towards the D1830 road. The locality map and extent of the works is shown below as Figure 2.1.



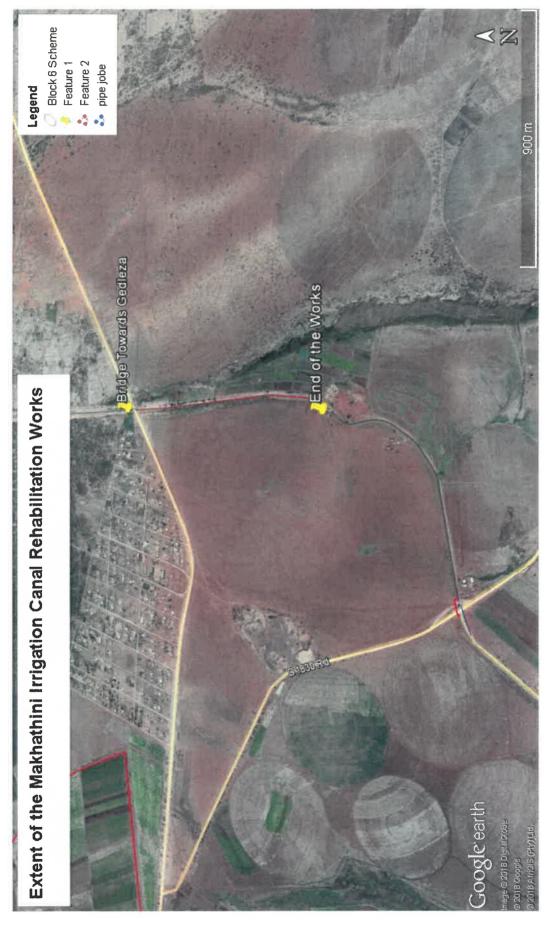


Figure 2.1 Locality Map and extent of Works



## PPS 1 - Subsurface Drainage

Trenches for subsoil drainage system shall be excavated to the dimensions shown on the drawing or as directed by the engineer. Grade U14 or similar approved polyester non-woven filter fabric shall be used for lining in the subsoil drainage system. The filter fabric shall be filled with 19mm crushed stones. A pipe with diameter 110mm shall be firmly bedded on the 19mm crushed stones and be coupled in accordance with requirements. Thereafter the trench shall be backfilled with sand to such height above pipes as shown on the drawings or as directed by the engineer. The sand material shall be lightly compacted and trimmed to the required level.

The filter fabric shall be procured, furnished and installed as specified on the drawing. The filter fabric shall not be displaced or damage in any way when the trench is being filled with 19mm crushed stones. The filter fabric shall be lapped both longitudinally and transversely by at least 150mm and 300mm respectively or as instructed by the manufacturers. The transverse lap shall be positioned on top of the box forming the drain and shall be stitched together with plastic/ galvanized wire or strong synthetic thread at metre intervals. The longitudinal lap shall be in the direction of flow. The filter fabric shall be stored under suitable cover and shall not be exposed to direct sunlight for prolonged periods and shall be protected from mechanical damage during installation and construction.

NB: The subsurface construction and installation is subject to confirmation and recommendations by the geotechnical specialist

## **MEASUREMENT AND PAYMENT**

- a) Selected granular material Unit: m²
- b) Selected fill material Unit: m3
- c) Grade U14 or similar approved polyester non-woven filter fabric Unit: m<sup>2</sup>
- d) 110mm slotted/ perforated pipes Unit: m

## PPS 2 - Weep-holes

They shall be made of 50mm HDPE plastic pipe the pipe shall be installed at 200mm from the top of the canal within the freeboard section. On the side of the earth, the pipe shall be wrapped with A5 grade bidim cloth filled with 19mm crushed stones or G5 gravel material with no fines.

NB: The weep holes construction and installation is subject to confirmation and recommendations by the geotechnical specialist

## **MEASUREMENT AND PAYMENT**

Weep-holes (including supply of materials and construction of weep-holes as per contract drawings Unit: No



## PPS 3 - Concrete Impregnated Fabric

The concrete impregnated fabric shall consist of a 3-dimensional fibre matrix containing a specially formulated dry concrete mix and shall have good weathering performance as well as UV protection. The fabric shall have a PVC backing on one side to ensure that water does not seep through. Hydration of the fabric shall be done by either spraying or by being immersed in water. The thickness of the fabric shall be 13mm and layed on a properly compacted (min 90% mod AASHTO) soil material.

## **MEASUREMENT AND PAYMENT**

a) 13mm thick concrete impregnated fabric Unit: m²

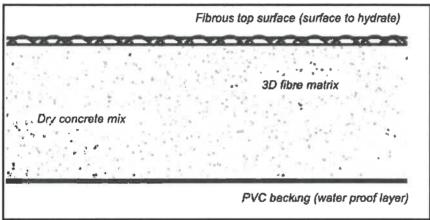
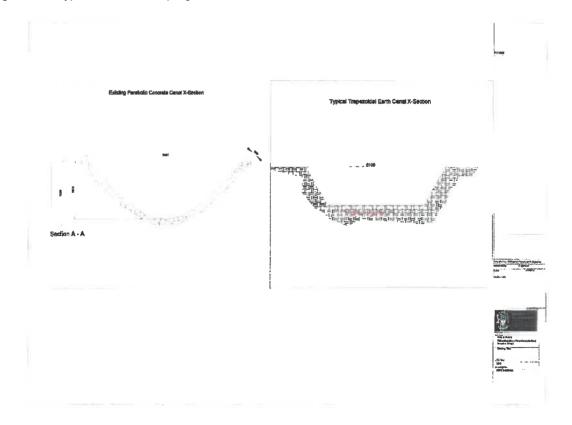


Figure 0.2 Typical concrete impregnated fabric installation





# BILL OF QUANTITIES SECTION 1

ITEM	DESCRIPTION	UNIT	QUAN TITY	RATE	AMOUNT
1	PRELIMINARY & GENERAL (SANS 1200 A)				
1.1	FIXED CHARGE ITEMS & VALUE RELATED ITEMS				
1.1.1	Contractual requirements (including Contract Works Insurance, sureties, UIF, etc.)	Sum	1		
1.1.2	All survey and site control requirements, including setting out and establishing supplementary benchmarks				
4.0	Establishment of facilities on site	Sum	1		
1.2			-		
1.2.1	Facilities for the Contractor				
1.2.1.1	a) Furnished air conditioned offices and storage sheds (suitable for 10 people)	Sum	1		
1.2.1.2	b) Workshops	Sum	1		
1.2.1.3	c) Ablution and latrine facilities	Sum	1		
1.2.1.4	d) Tools and equipment	Sum	1		
1.2.1.5	e) Water supplies, electric power and communications	Sum	1		
1.2.1.6	f) Dealing with water supplies	Sum	1		
1.2.1.7	g) Access	Sum	1 1		
1.2.1.7	h) Living Accommodation	Sum	1		
1.2.1.9	i) Plant (designated plant for designated operations or plant for use during stated periods)				
4.0.4.40		Sum	1		
1.2.1.10	Other fixed charge obligations  Removal of site establishment	Sum	1		
1.2.1.11 1.2.1.12	Geotechnical analysis and report- the rate shall include the testing of the soil against the load imposed by the irrigation canal. The report should detail the bearing capacity of the in situ material and make recommendation on the sub-surface drainage if needed. The recommendation should also reflect on the stability of the in situ material as well as the recommended shapes and side slopes of the canals (temporary earth canal and concrete lined canal).	Prov Sum	1	R200 000. 00	200 000.0
1.2.1.13	Percentage mark up on 1.2.1.12	%	-		
1.3	Health and Safety Compliance				
1.3.1	Complying with Health and Safety Act		1		
1.3.1.1	a) Preparation of Health and Safety Plan	Sum	11		
1.3.1.2	b) Compilation of a Risk Assessment Plan prior to construction	Sum	1		
1.3.1.3	c) Health and Safety Induction Training of employees	Sum	1		
1.3.1.4	d) Implementation of the Health and Safety Plan over the entire construction period	Sum	1		
1.3.1.5	e) Provision of safety gear as per OHS Act	Sum	1		
1.3.1.6	Provision for Environmental management plan requirements	Sum	1		
	FORWARD	Julii	1	1	(C. ) (C. )



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## **SECTION 2**

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	SECTION 2 (SABS 1200 A)				
2	DAYWORK				
2.1	LABOUR				
2.1.1	a) Foreman	hr.			Rate Only
2.1.2	c) Semi-skilled	hr.			Rate Only
2.1.3	d) Unskilled	hr.			Rate Only
2.1.4	e) Surveyor	hr.			Rate Only
2.1.5	f) Watchman	hr.			Rate Only
2.2	PLANT				
2.2.1	a) Backactors				
2.2.1.1	i) TLB Case 480D or similar 4.6t, 39kW	hr.			Rate Only
2.2.2	b) Compactors				
2.2.2.1	i) Pedestrian vibrating roller (Bomag 60 or similar)	hr.			Rate Only
2.2.2.2	ii) Pedestrian vibrating roller (Bomag 90 or similar)	hr.			Rate Only
2.2.3	c) Trucks	hr.			Rate Only
2.2.3.1	i) 6m3 tip truck	hr.			Rate Only
2.2.3.2	ii) 10m3 tip truck	hr.			Rate Only
2.2.3.3	iii) LDV	hr.			Rate Only
2.2.3.4	iv) 6 000 litre watercart	hr.			Rate Only
2.2.3.5	v) 10 000 litre watercart	hr.			Rate Only
2.2.3.6	vi) 7t flatbed crane truck	hr.			Rate Only
2.2.3.7	vi) 7t flatbed crane truck	hr.			Rate Only
2.2.4	d) Other Plant	hr.			Rate Only
2.2.4.1	i) Hitachi UH 121 excavator or similar 26t, 1212kW	hr.			Rate Only
2.2.4.2	ii) Bulldozer Cat D6D or similar, 14200kg, 104kW	hr.			Rate Only
2.2.4.3	iii) Bulldozer Komatsu D31 or similar, 6590kg, 49kW	hr.			Rate Only
2.2.4.4	iv) Grader CAT 140G or similar, 16500kg, 112kW	hr.			Rate Only
2.2.4.5	v) Roller : Bomag 518 or similar	hr.			Rate Only
2.2.4.6	vi) Front end Loader CAT 930 or similar 9620kg, 75kW	hr.			Rate Only
2.2.4.7	vii) Hitachi WH051D wheel excavator or similar 10t, 566kW	hr.			Rate Only



# **SECTION 3**

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUN
	EARTH CANAL CONSTRUCTION AND CONCRETE CANAL REPAIRS (SANS 1200 C)			IVIL	AMOON
3.1	SITE CLEARANCE				
3.1.1	Clear and grub (10m width stream for the earth canal)	m	1500		
3.1.2	Remove and grub all trees and tree stumps regardless of girth	No.	10		
3.1.3	Take down existing fences and reinstate	Prov Sum	1	R100 000.00	P 100 000 0
3.1.4	Remove and reinstate existing pipelines	Prov Sum	1	R 20 000.00	R 100 000.0
3.1.5	Demolish and remove concrete rubble (5800m³) from the existing irrigation canal.	Sum	1	N 20 000.00	K 20 000.0
3.1.6	to unspecified sites and dump (provisional)		5800		
3.1.7	Remove topsoil to nominal depth of 150mm and stockpile (as directed by the Engineer on site)	m³	1125		
3.2	EARTHWORKS - EARTH CANAL CONSTRUCTION (SANS 1200 D)				
	Excavation				
3.2.1	a) Excavate in all materials and use for backfill or dispose of as ordered by the Engineer	m³	4908		
3.2.2	b) Extra-over item (a) above for				
3.2.3	i) Intermediate excavation	m <sup>3</sup>	578		
3.2.4	ii) hard rock excavation	m³	291		
3.2.5	Overhaul		291		
3.2.6	a) Limited overhaul (Provisional)	m³	100		
3.2.7	b) Long overhaul (Provisional)	m³.km	200		
3.2.8	Topsoiling	m²	7500		
3.2.9	Place and compact selected material for canal embankment	m³	1000		
3.2.10	Final trimming of canal profile to line and level	m²	10500		
3.3	EARTHWORKS - SUBSURFACE DRAINAGE (SANS 1200 DB)				
3.3.1	a)Excavate in all material for trenches for drainage pipe in soil	m³			Rate Only
3.3.2	b) Extra-over item (a) above for				rate Only
3.3.3	i) Intermediate excavation	m³			Rate Only
3.3.4	ii) hard rock excavation	m³			Rate Only
	FORWARD				
SKUUGH	T FORWARD				



SYSTEM (SANS 1200LB)  Provision of bedding material for trench excavated  3.4.1 a)Selected granular material - 19mm crushed stones 3.4.2 b)Selected fill material - sand m² Rat 110mm slotted/ perforated UPVC pipes and fittings complete with couplings m Rat 200LB)  3.4.3 110mm slotted/ perforated UPVC pipes and fittings complete with couplings m Rat 200LB)  3.4.4 Grade U14 or similar approved polyester non-woven filter fabric m² Rat 200LB MSURFACE DRAINAGE INSTALLATION 3.5.1 SUBSURFACE DRAINAGE INSTALLATION 3.5.1 SUBSURFACE DRAINAGE INSTALLATION Sum 1 R500 000.00 R 500 00 designed by the engineer, in collaboration with the geotechinal soil analysis report.  3.6. CONCRETE (STRUCTURAL) (SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal steel floor floor shaped with rubber sealant for expansion joints unformed surface finish a)15 mm thick, steel-float finish internally m² 6600  Concrete Works  3.6.4 a)15 mm thick, steel-float finish externally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes 3.6.5 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUN
3.4.1 a)Selected granular material - 19mm crushed stones 3.4.2 b)Selected fill material - sand m³ Rat bloselected fill material - sand m³ Rat	3.4				IVII	AWOU
stones  3.4.2 b)Selected fill material - sand m³ Rat  3.4.3 110mm slotted/ perforated UPVC pipes and fittings complete with couplings m  3.4.4 Grade U14 or similar approved polyester non-woven filter fabric  3.5 SUBSURFACE DRAINAGE INSTALLATION  3.5.1 Sub-surface drainage installation on site as recommended by the geotechnical specialist and designed by the engineer, in collaboration with the geotechinal soil analysis report.  3.6 CONCRETE (STRUCTURAL) (SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal  Steel Reinforcing  3.6.2 High tensil welded mesh - Ref 193 Mesh m² 6000  Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints mither labor surface finish methods autface finish methods b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joint in canal lining m 20		Provision of bedding material for trench excavated				
3.4.2 b)Selected fill material - sand 3.4.3 110mm slotted/ perforated UPVC pipes and fittings complete with couplings m 3.4.4 Grade U14 or similar approved polyester non-woven filter fabric moven filter fab	3.4.1	a)Selected granular material - 19mm crushed stones	m <sup>3</sup>			D
3.4.3 110mm slotted/ perforated UPVC pipes and fittings complete with couplings  3.4.4 Grade U14 or similar approved polyester non-woven filter fabric  3.5 SUBSURFACE DRAINAGE INSTALLATION  3.5.1 SUB-surface drainage installation on site as recommended by the geotechnical specialist and designed by the engineer, in collaboration with the geotechnial soil analysis report.  3.6 CONCRETE (STRUCTURAL) (SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal wall of canal  Steel Reinforcing  3.6.2 High tensil welded mesh - Ref 193 Mesh m² 6000  Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints m³ 700  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally m² 6600  Construction joint in canal lining m² 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product  Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.	3.4.2	b)Selected fill material - sand			-	Rate Or
3.4.4 Grade U14 or similar approved polyester non-woven filter fabric  3.5 SUBSURFACE DRAINAGE INSTALLATION  3.5.1 Sub-surface drainage installation on site as recommended by the geotechnical specialist and designed by the engineer, in collaboration with the geotechinal soil analysis report.  3.6.1 CONCRETE (STRUCTURAL) (SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal wall of canal  3.6.2 Classification of the concrete for walls complete with rubber sealant for expansion joints with experimental plants of the construction joint in canal lining mapproved product  3.6.4 a)15 mm thick, steel-float finish externally mapproved product  3.6.5 Rubber sealant for expansion joints or similar approved product  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Rate Mapproved product provides as per contract canal, samples to be taken at designated points by the project engineer.	3.4.3	110mm slotted/ perforated UPVC pipes and				Rate Or
3.5.1 SUBSURFACE DRAINAGE INSTALLATION  3.5.1 Sub-surface drainage installation on site as recommended by the geotechnical specialist and designed by the engineer, in collaboration with the geotechinal soil analysis report.  3.6 CONCRETE (STRUCTURAL) (SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal  Steel Reinforcing  3.6.2 High tensil welded mesh - Ref 193 Mesh  Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  REFORM 1 REFORM 1 REFORM 2 RE	3.4.4	Grade U14 or similar approved polyester non-				Rate Or
3.5.1 Sub-surface drainage installation on site as recommended by the geotechnical specialist and designed by the engineer, in collaboration with the geotechinal soil analysis report.  3.6 CONCRETE (STRUCTURAL) (SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal  Steel Reinforcing  3.6.2 High tensil welded mesh - Ref 193 Mesh m² 6000  Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints under the substitution of the temporary earth canal after completion of the concrete works.  3.6.8 Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.	3.5	SUBSURFACE DRAINAGE INSTALLATION	m-			Rate Or
(SANS 1200 G)  Formwork  3.6.1 Steel formwork to suit different shapes of floor and wall of canal  Steel Reinforcing  3.6.2 High tensil welded mesh - Ref 193 Mesh  Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally m² 6600  Di15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Reformwork  m² 50  m² 6000  m³ 700  m² 6600  prov Sum 1 R100 000.00 R1000  R 1000	3.5.1	Sub-surface drainage installation on site as recommended by the geotechnical specialist and designed by the engineer, in collaboration with the		1	R500 000.00	R 500 000.00
3.6.1 Steel formwork to suit different shapes of floor and wall of canal  Steel Reinforcing 3.6.2 High tensil welded mesh - Ref 193 Mesh  Concrete Works 3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints  Unformed surface finish 3.6.4 a)15 mm thick, wooden-float finish externally m² 6600  b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes 3.6.5 Rubber sealant for expansion joints or similar approved product  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.	3.6	(SANS 1200 G)				
Steel Reinforcing   3.6.2   High tensil welded mesh - Ref 193 Mesh   m²   6000		Formwork				
Steel Reinforcing  3.6.2 High tensil welded mesh - Ref 193 Mesh m² 6000  Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints m³ 700  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally m² 6600  b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  R100 000.00 R1000	3.6.1	Steel formwork to suit different shapes of floor and wall of canal	m²	50		
Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints m³ 700  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally m² 6600 b)15 mm thick, steel-float finish internally m² 6600 Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Prov Sum 1 R10000.00 R1000		Steel Reinforcing		- 00		
Concrete Works  3.6.3 30 Mpa /19mm concrete for walls complete with rubber sealant for expansion joints m³ 700  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally m² 6600  b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  R100 000.00 R100	3.6.2	High tensil welded mesh - Ref 193 Mesh	m²	6000		
rubber sealant for expansion joints m³ 700  Unformed surface finish  3.6.4 a)15 mm thick, wooden-float finish externally m² 6600  b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  m³ 700  m² 6600  prov 5000  R 1000				0000		
b)15 mm thick, steel-float finish internally m² 6600  Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  Weepholes (including supply of materials and construction of weepholes as per contract drawings)  Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  M² 6600  M² 6600  Teonstruction joint in canal lining m 2000  M 1000  R 1000  R 1000  R 100 00  R 10	3.6.3	rubber sealant for expansion joints	m³	700		
b)15 mm thick, steel-float finish internally  Construction joint in canal lining  Construction joints and weepholes  3.6.5  Rubber sealant for expansion joints or similar approved product  Meepholes (including supply of materials and construction of weepholes as per contract drawings)  Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Meepholes (including supply of materials and construction of weepholes as per contract Prov Sum 1 R100 000.00 R 100 000.00 R 1	3.6.4	a)15 mm thick, wooden-float finish externally	m²	6600		
Construction joint in canal lining m 2000  Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  R100 000.00 R100 0		b)15 mm thick, steel-float finish internally				
Construction joints and weepholes  3.6.5 Rubber sealant for expansion joints or similar approved product m 1000  3.6.6 Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works. m <sup>2</sup> 10  3.6.8 Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer. Sum 1 R 10 000.00 R 100						
Rubber sealant for expansion joints or similar approved product  Meepholes (including supply of materials and construction of weepholes as per contract drawings)  Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  m 1000  R1000  R1000  R1000  R1000  R1000  R1000				2000		
Weepholes (including supply of materials and construction of weepholes as per contract drawings)  3.6.7 Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Prov Sum 1 R100 000.00 R 100 0		Rubber sealant for expansion joints or similar	m	1000		
Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Supply and install concrete impregnated fabric on the inlet and outlet of the temporary earth canal after completion of the concrete works.  Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Prov		construction of weepholes as per contract	Prov		D400 000 00	
Testing concrete strength of the existing irrigation canal, samples to be taken at designated points by the project engineer.  Prov Sum 1 R 10 000.00 R 10 0	3.6.7	the inlet and outlet of the temporary earth canal			K100 000.00	R 100 000.0
11.10 000:00 11.10 0	3.6.8	Testing concrete strength of the existing irrigation canal, samples to be taken at designated points	Prov		R 10 000 00	D 40 000 0
3.6.9 Percentage mark-up on 3.6.8 %	3.6.9	Percentage mark-up on 3.6.8		1	7. 10 000.00	R 10 000.0



# **SUMMARY**

ITEM	DESCRIPTION	ACTUAL AMOUNT
1	SECTION 1 PRELIMINARY & GENERAL	, to restar an out
2	SECTION 2 DAYWORK	Rate Only
3	SECTION 3 EARTH CANAL CONSTRUCTION AND CONCRETE CANAL REPAIRS	
	Sub-Total 1	
	10% ANCILLARY WORKS	
	Sub-Total 2	
	15% VAT	
	TOTAL TO: C1.1 FORM OF OFFER AND ACCEPTANCE	

## SECTION D

# SPECIAL TERMS & CONDITIONS

# APPOINTMENT OF A SERVICE PROVIDER TO REHABILITATE THE MAKHATHINI IRRIGATION CANAL AT JOZINI

## 1. INTRODUCTION

- 1.1 Bidders must ensure that they are fully aware of all the Terms and Conditions contained in this bid document. Only bidders that fully meet the prequalification shall be considered.
- 1.2 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 Bid, as no claims arising from any incorrect interpretation will be admitted.

## 2. ACCEPTANCE OF BID

2.1 The Departmental Bid Adjudication Committee is under no obligation to accept any bid.

# 3. AMENDMENT OF CONTRACT

3.1 Any amendment to or renunciation of the provisions of the contract shall at all times be done in writing and shall be signed by both parties, subject to the Departmental Bid Adjudication Committee approval.

## 4. AWARD

4.1 Bidders who meet the prequalification criteria shall be scored on functionality and only bidders with a minimum score of 70% shall be evaluated on price and preference points.

# 5. BASIS OF QUANTITIES

5.1 Quantities are as reflected on the Bill of Quantities.

# 6. BBBEE CERTIFICATE

6.1 A bidder claiming BBBEE points must submit a valid BBBEE certificate or a sworn affidavit together with the bid.

# 7. CHANGE OF ADDRESS

7.1 Bidders must advise the Departmental Supply Chain Management, Contract Administration should their ownership or address (domicilium citandi et executandi) details change from the time of bidding to the expiry of the contract.

# 8. COMPETENCY OF THE SERVICE PROVIDER

- 8.1 This bid is open for contractors with a Construction Industry Development Board (CIDB) database grading of minimum 6CE. The contractor is to submit evidence of his/her OWN Active registration.
- **8.2** For evaluation processes, the Department shall apply the evaluation criteria as outlined in the Bid Evaluation Criteria of this bid.



**8.3** It shall be vital for the appointed supplier to have sufficient financial resources and capacity to finance and execute as per the terms and conditions of the contract.

## 9. COMPULSORY SITE BRIEFING

9.1 A compulsory site-briefing meeting will be held with prospective Bidders. Attendance at the meeting will be compulsory and non-attendance shall invalidate any bid.

## 10. COUNTER OFFERS

10.1 Counter offers shall not be considered.

## 11. DELIVERY CONDITIONS

- 11.1 Delivery of services must be made in accordance with the instructions appearing on the official purchase order.
- 11.2 All deliveries or dispatches must be accompanied by a delivery note stating the official purchase order number against the delivery that has been affected.
- 11.3 In respect of items awarded to them, contractors must adhere strictly to the delivery periods stipulated by them in their bid document.
- 11.4 The instructions appearing on the official purchase order form regarding the supply, dispatch and submission of invoices must be strictly adhered to.
- 11.5 All invoices submitted must be original.
- 11.6 Deliveries not complying with the order form shall be returned to the contractor at the contractor's expense.
- 11.7 No locally manufactured product may be substituted during the contract period with an imported product, and vice versa, without prior approval of the Departmental Bid Adjudication Committee.

# 12. DETAILS OF PAST OR CURRENT CONSTRUCTION CONTRACTS AWARDED TO THE BIDDER (ANNEXURE C)

- 12.1 The bidder must furnish the following details of all verifiable past and current construction contracts.
  - 12.1.1 Date of commencement of contract/s;
  - 12.1.2 Value per contract; and
  - 12.1.3 Contract details; that is, with whom held, phone number and Address/s of the companies.

## 13. ENTERING OF DEPARTMENTAL OFFICES

13.1 No representative from a company shall be permitted to enter Departmental premises, buildings or containers where stores are kept unless he/ she is accompanied by the responsible official in charge of stores.

## 14. EQUAL BIDS

- 14.1 If two or more bidders score an equal total number of points, the contract must be awarded to the bidder that scored the highest points for BBBEE.
- 14.2 If functionality is part of the evaluation process and two or more bidders score equal total points and equal preference points for BBBEE, the contract must be awarded to the bidder that scored the highest points for functionality.



14.3 If two or more bidders score equal total points in all respects, the award shall be decided by the drawing of lots.

## 15.INVOICES

- 15.1 All invoices submitted by the Contractor must be Tax Invoices indicating quantity ordered and quantity delivered, the amount of tax charged and the total invoice amount.
- 15.2 A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:
  - 15.1.1 The name, address and registration number of the supplier:
  - 15.1.2 The name and address of the recipient:
  - 15.1.3 An individual serialized number and the date upon which the tax invoice is issued;
  - 15.1.4 A description of the goods or services supplied;
  - 15.1.5 The quantity or volume of the goods or services supplied;
  - 15.1.6 The value of the supply, the amount of tax charged and the consideration for the supply; or
  - 15.1.7 Where the amount of tax charged is calculated by applying the tax fraction to the consideration for the supply and either the amount of the tax charged, or a statement that it includes a charge in respect of the tax and the rate at which the tax was charged.

## 16. IRREGULARITIES

16.1 Companies are encouraged to advise the Department timeously of any possible irregularities which might come to their notice in connection with this or other contracts.

## 17. JOINT VENTURES

- 17.1 In terms of the Preferential Procurement Regulations, 2017 pertaining to the Preferential Procurement Policy Framework Act 5 of 2000, a trust, consortium or joint venture must submit a consolidated BBBEE Status Level Verification Certificate for every separate bid.
- 17.2 Should this bid be submitted by a joint venture, the joint venture agreement must accompany the bid document before the closing date and time of bid. The joint venture agreement must clearly specify the percentage of the contract to be undertaken by each company participating therein.
- 17.3 The non-submission of a BBBEE Certificate by a trust, consortium or joint venture shall result in zero (0) preference points being allocated for evaluation purposes.
- 17.4 Each party to a Joint Venture/ Consortium must submit an original valid Tax Clearance Certificate together with the bid before the closing date and time of bid.
- 17.5 The joint venture or consortium must submit a formal agreement that outlines the roles and responsibilities of each member of the joint venture or consortium, nomination of an authorised person to represent the joint venture or consortium in all matters relating to this bid and the details of the bank account for payments to be effected.
- 17.6 The joint venture or consortium must comply with Central Suppliers Database (CSD) registration requirements as per National Treasury directive.

## 18. LATE BIDS

- 18.1 Bids are late if they are received at the address indicated in the bid documents after the closing date and time.
- 18.2 A late bid shall not be considered and, where practical, shall be returned unopened to the Bidder, accompanied by an explanation.

## 19. NOTIFICATION OF AWARD OF BID

19.1 The successful bidder shall be notified via an advert in the same media as the invitation to tender.

## 20. PAYMENT FOR SUPPLIES AND SERVICES

- 20.1 A contractor shall be paid by the Department in accordance with supplies delivered and services rendered.
- 20.2 Should a contractor indicate a special discount on his/her account provided payment is made within a certain time, the Department shall make every effort to take advantage of such discount.
- 20.3 Any query concerning the non-payment of accounts must be directed to the Department. The following protocol shall apply if accounts are queried:
  - 20.3.1 Contact must be made with the officer-in-charge of the District Office:
  - 20.3.2 If there is no response from the District Office, the Director: Finance must be contacted;
- 20.4 Information as contained on the Central Suppliers Database must be valid/correct. Non-compliance with Tax Requirements shall affect payment.

## 21. PERIOD OF CONTRACT

21.1 The contract is to be implemented in three (3) financial years commencing in 2019/20 financial year and ending in 2021/2022 financial year.

## 22. PRE-QUALIFICATION CRITERIA

- 22.1 Only bidders who meet both of the following prequalification criteria may respond:-
  - 22.1.1 BBBEE level 1 (as per the provisions of section 4(1)(a) of the PPPFA Regulations, 2017); or
  - 22.1.2 EME or QSE (as per the provisions of section 4(1)(b) of the PPPFA Regulations, 2017); and
  - 22.1.3 CIDB 6 CE Minimum
- 22.2 Bidders must submit documentary proof of compliance with the above prequalification criteria.
- 22.3 Bidders who fail to comply with the above-stipulated prequalification criteria or fail to submit documentary proof of the compliance with the prequalification criteria shall not be considered for this bid.

## 23. QUALITY CONTROL/ TESTING OF PRODUCTS

- 23.1 The Department reserves the right to inspect and verify the quality and specifications of the supplied materials and equipment, as well as other items listed on the Bill of Quantities, **before** construction and/or installation. In case of deviations in terms of dimensions, strength, numbers or otherwise, the Contractor shall replace these goods for the correct ones at his/her own expense.
- 23.2 The same replacement obligation to the Contractor would apply during installation and during and after commissioning.
- 23.3 In the case of sustained or repeated non-adherence to the specifications of the materials and/or equipment, as well as in the case of general negligence during the implementation process, the contract may be cancelled. The Department will in such cases seek compensation from the contractor for the estimated costs for completion.



23.4 In cases of deliberate negligence or unwillingness to adhere to the Departmental specifications, the Service provider will be reported to the Provincial and/or National Treasury for listing on the Restricted section of the Central Suppliers database.

## 24. ORDER OF PRECEDENCE

24.1 This invitation to bid/quote is issued in accordance with the provisions of the Public Finance Management Act (PFMA), Chapter 16 A of the Treasury Regulations and shall be subject to the provisions of the National Treasury Government Procurement General Conditions of Contract (July 2010). The Special Terms and Conditions are supplementary to that of the General Conditions of Contract. Where, however, the special terms and conditions are in conflict with the General Conditions of Contract, the Special Terms and Conditions shall prevail.

## 25. SUPPLIERS DATABASE REGISTRATION

- 25.1 A bidder submitting an offer must be registered on the Central Suppliers Database at National Treasury. A bidder who has submitted an offer and is not registered on the Central Suppliers Database shall not be considered at the time of award. No pending registrations shall be considered.
- 25.2 A Joint Venture/Consortium must be registered on the Central Suppliers Database at the time of submitting the bid.

NB: If a bidder is found to be employed by the State and is on the Central Suppliers database, the bidder shall be disqualified.

## **26.TAX AND DUTIES**

26.1 During quotation stage, prices offered and paid must include all customs, excise and import duties, and any other tariffs or taxes levied by the government or statutory body having jurisdiction on the goods provided under this contract, including Value Added Tax (applicable at the current rate).

## 27. TAX COMPLIANCE PIN

- 27.1 The bidder must submit a valid Tax Compliance Pin with the bid. Bidders should note that their tax compliance status shall be verified through the Central Supplier Database and SARS.
- 27.2 Where a Tax Compliance Pin is not submitted with the bid, the Department shall use the Central Supplier Database to verify the tax matters of the bidder.

## 28. UNSATISFACTORY PERFORMANCE

- **28.1** Unsatisfactory performance occurs when performance is not in accordance with the contract conditions.
- 28.2 The Departmental official shall warn the contractor in writing that action shall be taken in accordance with the contract conditions unless the contractor complies with the contract conditions and delivers satisfactory supplies or services within a specified reasonable time (7 days minimum).
- 28.3 If the Contractor fails to commence the Works or to proceed with and complete the Works in compliance with the projected timeframes, the Head of Department or his/her representative shall take action in terms of its his/her delegated powers and adopt and exercise one of the following courses wholly or partly, viz: -
  - 28.3.1 To direct the Contractor, in writing, on any day named therein to suspend and discontinue the execution of the Works, and to withdraw himself and his workmen from the said Site or Sites,



- 28.3.2 To make a recommendation to the Accounting Officer for cancellation of the contract concerned.
- 28.3.3 To Contract or Contracts by calling for Bids or otherwise with any other Contractor or Contractors for the completion of the Works, or any part thereof, at such times and upon such terms as to the Department shall deem best.
- 28.4 In relation to the foregoing provisions the Department shall charge any sums of money which may be paid by the Department for completing the said Contract against the Contractor and if such amount shall exceed this Contract, then the Department shall have the right to recover such excess or any balance thereof from the Contractor by legal proceedings.
- 28.5 When correspondence is addressed to the contractor, reference shall be made to the contract number/ item number/s and an explanation of the complaint.

## 29. VALIDITY PERIOD OF BID AND EXTENSION THEREOF

29.1 The validity (binding) period for the bid shall be 120 days from close of bid. However, circumstances may arise whereby the Department will request bidders to extend the validity (binding) period. Should this occur, the Department shall request bidders to extend the validity (binding) period under the same terms and conditions as originally offered for by bidders. This request shall be done before the expiry of the original validity (binding) period.

## **30. VALUE ADDED TAX (VAT)**

- 30.1 Bid prices must be inclusive of 15% VAT.
- 30.2 Bidders who make taxable supplies in excess of R1 million in any 12-month consecutive period are liable for compulsory VAT registration, but a person may also choose to register voluntarily provided that the minimum threshold of R50 000 (as of 1 March 2010) has been exceeded in the past 12-month period. Bidders who meet the above requirement must register as VAT vendors, if successful, within one month of award of the bid.
- 30.3 For the purposes of calculating preference points, VAT shall not be considered for this process.

## 31. SERVICE LEVEL AGREEMENT

- 31.1 The successful Bidder and the Department will sign a Service Level Agreement prior to commencement of works. A proposed schedule of works must be provided by the contractor for the approval of the Engineer within two weeks of receiving notification of a successful bid.
- 31.2 The Special Terms and Conditions (STC), the Standard Technical Specifications (STS) and the Project Specific Specifications (PSS) as listed in this bid document, together with the Drawings, are deemed to form part of the SLA.

## 32. COMMENCEMENT OF THE WORK

- 32.1. Site establishment must start within two (2) weeks, and the actual works within three weeks after hand-over of the site, provided that. Site will be handed over to the contractor once the geotechnical specialist report has been concluded and recommendations have been incorporated to the design
  - 32.1.1. An official order has been issued:
  - 32.1.2. The contractor is in possession of all relevant documentation required for works execution:
  - 32.1.3. No exceptional circumstances such as inclement weather or other outside the control of either party to the contract prevail.
  - 32.1.4. The geotechnical investigation report has been finalized and recommendations have been incorporated into the design



32.2. In case work has not commenced within two (2) weeks of the site hand-over and no accentuating circumstances for the delay can be provided, the Department reserves itself the right to cancel the contract

## 33. HANDOVER OF SITE TO CONTRACTOR

- 33.1 The Department will arrange a site hand-over to the contractor who will then be introduced to the project stakeholders and participants.
- 33.2 The site will be handed back at works completion after a final inspection by the Engineer to reveal whether there are outstanding patent defects.
- 33.3 The Contractor will control and be responsible for the site for the contract duration. Only the Contractor's own employees, Contractor's local labor and Departmental Representatives will be allowed on site.
- 33.4 The Contractor is responsible in the administration, control and security on the site at all times during the contract duration.

## 34. WATER AND POWER

34.1 The Contractor shall make the necessary arrangements for the provision of any water and power. No payment will be made for the provision or use of these services and the cost of these shall be included in the Bid/quoted amount.

## 35. LOCATION OF CAMP

- 35.1 The Contractor's camp may be erected on the site of the works but must meet the approval of the Engineer, project beneficiaries and landowners.
- 35.2 Without the approval of the local relevant stakeholder, no persons other than a night watchman may sleep in the camp,

## **36. HOUSING OF CONTRACTOR'S EMPLOYEES**

- 36.1 The Contractor shall make his own arrangement for housing, payment and feeding 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 participants.
- 36.2 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.

## 37. LABOUR SOURCE & CAPACITY

- 37.1 The Contractor will be required to satisfy the Department that a sufficient and experienced labor force is employed or that sufficient experienced labour can be acquired to complete the services and produce an acceptable quality of workmanship.
- 37.2 The contractor is encouraged to source unskilled labour from the project participants or local community. The Contractor and the Departmental representative (Engineer or local Agricultural adviser) may negotiate with the participants in this regard to establish all the conditions for the utilization of the local labour.
- 37.3 The Contractor will be responsible for all hiring, payment, housing and transport of all labour used for the duration of the contract.



## 38. SECURITY & RISK

- 38.1 No one shall be allowed on the construction site after normal working hours except for the necessary security personnel.
- 38.2 The Contractor shall also be responsible for safeguarding all plant, machinery, equipment and materials on site. The Engineer shall not be responsible for any lost, damaged or stolen property or materials. Should any of these situations arise, no allocations will be made in terms of finance or time.

## 39. MATERIALS: DELIVERY, ON & OFF-LOADING, STORAGE & RESPONSIBILITY

- **39.1** The Contractor shall be responsible for the safe delivery, loading, off-loading, handling and storage of any equipment and materials on site.
- **39.2** All equipment, materials and plant stored on site must be suitably protected against damage or loss by theft or otherwise.
- **39.3** The Contractor shall remain fully responsible for all material and plant etc. until the completed works are handed over and have been officially accepted to the satisfaction of the Department.

## 40. EXISTING ROADS, MUNICIPAL PAVEMENTS, ETC.

40.1 The Contractor is advised that he/she/it will be held responsible for any damage to the existing pavings, roads, municipal pavements, fences, boundary walls, etc., and will have to repair such damage at his/her/its expense.

## **41.DAMAGE TO PROPERTY**

- 41.1 If the Contractor or his/her/its employees, while engaged in the execution of the contract, shall break, deface, injure, destroy or allow to fall into disrepair any part of the Works or property belonging to the Department, or any private property including: buildings, pavings, roads, fences, walls or grounds contiguous to the premises of the Department on which he or they may be employed, the Contractor will be required to repair, in a perfect and workmanlike manner, at his/her/its own expense, all damage to the approval and satisfaction of the Department. The Completion Certificate will not be issued until the Department is satisfied that all the necessary remedial work has been completed
- 41.2 The Contractor shall take every precaution against damage or nuisance being caused by dust both to the properties of the Department and all surrounding properties and shall indemnify the Department against any claim that might arise there from.

## 42. UNDERGROUND CABLES AND PIPES

- 42.1 If such services are discovered, immediate notification must be made to the Department and all work in the vicinity of such cables, pipes, etc. shall cease until safe to proceed.
- 42.2 Should the Contractor damage underground cable or pipes, such damage shall be repaired as soon and safely as possible by the Contractor.
- 42.3 The cost of making good such damage will be met by the Contractor as this must be covered by the Contractors works insurance

## **43. DAILY RAINFALL RECORDS**

43.1 Submission of rainfall figures is required for the granting of permission of extending the contract period on the basis of inclement weather. If none are kept, the Engineer is under no obligation to grant extension of the completion period as a result of inclement weather.



## 44. INSPECTION OF WORK

- 44.1 The Departmental representative may at all reasonable times have access to the site where work is being executed for inspection purposes.
- 44.2 The Engineer may request that evidence of the quality or strength of any materials to be supplied by the contractor wherever necessary.

## 45. NOTICE OF COVERING WORK

- 45.1 The Contractor shall give due notice to the engineer whenever any work or materials are intended to be covered in with earth or otherwise in order that their correct dimensions and quality may be ascertained before being covered.
- 45.2 If any such work or materials are covered without such notice having been given, the work or materials shall be uncovered at the Contractor's expense on instructions given by the Engineer.

## **46. SUB-CONTRACTED WORK**

- 46.1. The contractor shall not sub-contract the entire contract.
- 46.2. However, local suppliers and emerging contractors should be considered provided they are capable of such work. Implementing Subsurface Drainage works is complex and requires specialised expertise and resources to implement the works.
- 46.3. The contractor must sub- contract 30% of the total value of the contract to the following designated group as per PPPFA Regulation 2017.
  - 46.3.1. an EME or QSE which is at least 51% owned by black people;
  - 46.3.2. an EME or QSE which is at least 51% owned by black people who are youth;
  - 46.3.3. an EME or QSE which is at least 51% owned by black people who are women;
  - 46.3.4. an EME or QSE which is at least 51% owned by black people with disabilities;
  - 46.3.5. an EME or QSE which is 51% owned by black people living in rural or underdeveloped areas or townships:
  - 46.3.6. a cooperative which is at least 51% owned by black people;
  - 46.3.7. an EME or QSE which is at least 51% owned by black people who are military veterans;
  - 46.3.8. more than one of the categories referred to in paragraphs (46.3.1) to (46.3.7).
- 46.4. Central Supplier Database (CSD) has the list of all suppliers registered on a database approved by the National Treasury to provide the required goods or services in respect of the applicable designated groups mentioned from which the tenderer must select a supplier(s).

## 47. INSURANCE

- 47.1 All accepted approved contractors would be required to provide the following insurances for the project awarded to them:
  - 47.1.1 Insurance against damage, destruction or loss up to 50% of the value of the contract.
  - 47.1.2 Public Liability insurance.
  - 47.1.3 All risks (works) policy and Political.

## 48. PROTECTION OF THE PUBLIC

48.1 The Contractor shall be responsible for the protection of the public in terms of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993). The Contractor shall pay particular attention to watching and warning lighting and must provide any necessary barriers, etc., required for the protection of the public in terms of the Act.



## 49. INJURY TO PERSONS

49.1 The Contractor shall be liable for and shall indemnify the Department in respect of any liability, loss, claim or proceedings whatsoever, whether arising in Common Law or by Statute in respect of personal injuries to or death of any person whomsoever arising out of or in the course of or caused by the execution of the Works.

## **50. DISAGREEMENTS**

- 50.1 <u>Notice of disagreement.</u> The Contractor has the right by written notice to the Engineer to require him to consider any disagreement which he raises with the Engineer provided the said written notice shall be given within 14 days after the cause of disagreement has arisen.
- 50.2 <u>Ruling on disagreements.</u> The Engineer shall give a ruling on the disagreement in writing to the Contractor no later than 14 days after his receipt of a written request from the Contractor requiring him to do so. The Engineer shall provide such a ruling with as little delay as possible. During the response time the Contractor shall not alter the status of the works under contention.

## **51.FIXED PRICE CONTRACT**

51.1 The contract shall not be subject to contract price adjustment.

## 52. PRICING - COMPLETENESS OF BID

- 52.1 Bidders are required to Bid for all services, products and commissioning as specified in this document and associated plans. This includes those optional items that will be pointed out as required at the bid briefing (e.g. VIP toilet(s), fencing and others). If he/she does not bid on all items, his/her bid will be rejected.
- 52.2 All bid/quoted prices for separate items are to be in South African currency and must **exclude** VAT.
- 52.3 All items as described in the project specification are to be priced in full.
- 52.4 Transport/Delivery costs must be included in the pricing if the Pricing Schedule does not list them separately.
- 52.5 VAT must be filled in as the sub total followed by the complete price for the entire project.
- 52.6 The Bid price page must be signed by a person legally authorized to do so.

## 53. QUANTITIES OF WORK

53.1 The Contractor shall receive payment only for the works actually executed and approved by the Engineer.

## 54. PROGRESS PAYMENTS

- 54.1 Payment shall only be made for claims that are commensurate with the works actually executed and complete.
- 54.2 Payment will only be made against the construction progress as pertaining to **built /installed** items. Movable items and materials on site are generally excluded from progress payments until they have been fully installed or fitted or built up.
- 54.3 If any item or part of an item in an invoice is disputed by the Engineer, the Engineer shall give notice of such with reasons.
- 54.4 The Engineer may elect to use a payment schedule that apportions a weighting for the various work phases, in those cases where the actual pricing schedule is not available or lacks balance.



- 54.5 The contractor shall be paid in up to a minimum of seven part payments. The Contractor is strongly advised to request at least five payments when being notified of him/her being awarded the contract.
- 54.6 Part payments will be made after the Engineer has approved the work and will be made in accordance with the Retention clause (57).
- 54.7 The penultimate payment occurs after <u>practical works completion</u>. The final payment will be made after the 12 months liability period when the contractor has dealt with all defects, if any.

## 55. COMPLETION OF THE WORKS

**55.1** Work completion will be established over three stages, in line with the JBCC.

## 55.1.1 Practical completion

This is defined as the stage when the works are found to be substantially complete and can be used for the purposes intended. This assessment will be solely made by the Engineer. When the Contractor thinks he has completed the works, an inspection will be made by the Engineer who will draw up a list of patent defects, commonly known as a "snag list", if any. Patent defects are defects that are visible or discoverable upon an ordinary and proper inspection.

## 55.1.2 Works completion

This stage will be reached after the Contractor has, to the sole assessment of the Engineer, fixed all defects listed on the snag list. It is at works completion that the Contractor will be paid out 50% of his/her retention money.

## 55.1.3 Final completion

Final Completion occurs 12 months after Works completion, after expiry of the liability period.

## 56. RETENTION

- 56.1 A 10% retention will be withheld on payment for duration of the construction.
- 56.2 The Department will pay out half of this retention, or 5% of the bid value as part of the second last payment at **practical completion** of the works. The remainder, *viz* 5%, will be paid out at **final completion** after expiry of the defect liability period 12 months after practical completion), the bidder having eliminated all defects.
- 56.3 In some instances, the Engineer may decide to shorten this period order to allow all payments to be completed within the financial year. However, this is **not** a given and the Contractor will be notified during the course of the construction if such would be the case.

## **57. DEFECT LIABILITY PERIOD**

- 57.1. The defect liability period is 12 calendar months calculated from the date of Practical Completion.
- 57.2. The contractor shall unconditionally guarantee all materials, workmanship related to the works for that period. The guarantee shall cover any defects due to inferior materials and/or workmanship of the Contractor, or any of his sub-contractors, fair wear and tear excepted. The Contractor shall repair, remedy or replace any such defects, part or complete works without delay and at his own cost.

## 58. CONTINGENCIES

58.1 An amount of 5% of the subtotal for all materials, equipment and services has been set aside for Contingencies. This allowance will only be accessed for unforeseen additional expenditure not covered in the contract. Such approval must be in line with SCM Delegations.



## 59. PERIOD OF COMPLETION & RATE OF PROGRESS

- 59.1 The project has to reach practical completion within 06 months after the incorporation of the geotechnical investigation recommendations to the design.
- 59.2 If the Works are delayed by any cause beyond the Contractor's control, the Contractor shall have the right within twenty-one days of any such cause of delay arising, to apply in writing to the Department to extend the date of completion, stating the cause of delay and period of extension applied for.
- 59.3 The Department upon receipt of such written application may by order in writing extend such date of completion by a period to be determined, or may refuse to extend such date of completion, or may postpone giving a decision upon such application until completion of the Contract period set out in sub-clause (a) of this clause.
- 59.4 The date of completion will be extended only to the extent approved by the Department.
- 59.5 Should the Contractor fail to apply in writing for an extension within the time set out above, or should the Department refuse to grant any extension in writing, then the Contract period provided shall not be exceeded.
- 59.6 When the Works are completed the Department will give a completion certificate and the date of such certificate shall be the date of commencement of the guarantee period.

## 60. PENALTY CLAUSE / FINES FOR LATE OR NON-COMPLETION

- 60.1 If the contractor does not complete the work within the time stipulated and no extenuating circumstances can be given for the delay, the Department may impose a fine as detailed below. The total will be subtracted from the retention allowance.
- 60.2 If the contractor fails to complete the works and the Department is forced to employ another contractor to complete the works, the defaulting contractor will be held liable for the costs as far they exceed the original total Bid value.
- The Department will deduct a penalty for late completion of up to **0.05% of the contract value per working day delay.** This will be deducted from the retention.



## SECTION E

## **BID EVALUATION CRITERIA**

- 1. Compliance with Special terms and Conditions
- 1.1 Only bids that meet the Special Terms and Conditions in all aspects as stipulated in the bid document shall be considered.
- 2. Correctness of information
- 2.1 All information required in the bid document must be accurate and duly completed including all the appropriate signatures. The Department reserves the right to verify all information submitted. Non-compliance with the above shall result in elimination from further processes
- Compulsory administrative compliance documents that must be submitted with the bid:
- 3.1 Central Suppliers Database registration number;
- 3.2 Proof of valid and active CIDB 6CE registration where applicable;
- 3.3 Certified Copies of the Identity documents for company members/service providers;
- 3.4 A certified copy of a valid BBBEE certificate or valid sworn affidavit for purposes of confirmation of the bidder being a Level 1 BBBEE;
- 4. Documentary proof of bidder being an **EME** or **QSE** (e.g. Financial Statement);
- 5. Documentary proof of bidder's experience in support of Annexure C
- 6. Documentary proof of credit facility with registered supplier/manufacturer and/or registered Financial Institution or evidence of access to any legal funding instrument.
- Non-submission of any of the above documents shall result in disqualification.

Where copies of original documentation are submitted, those copies must be certified and must not be copies of certified copies. Original certification should not be older than three (3) months. Failure to comply with this requirement shall invalidate the bid submitted.

# SECTION F

## **FUNCTIONALITY EVALUATION CRITERIA**

- 1. The bid documents shall be evaluated individually on score sheets, by a representative evaluation panel, according to the below mentioned evaluation criteria.
- 2. All service providers who score less than minimum functionality score of (70%) shall not be considered for the work
- 3. The evaluation criteria are as in Table 1 below.

	FUNCTIONALITY EVALUATION CRITERIA	Max Points	Evidence	Bidders Score
1.	Bidder's experience in the construction of any Civil Engineering work for Agricultural, Domestic, Industrial, Institutional or Commercial Occupancies  1 – 3 projects = 15 points >3 projects = 25 points	25	Completion Certificate (Works or other) In support of <b>Annexure C</b>	
2.	Financial Capacity  Total Credit Facility (with financial institution and/or supplier/manufacturer of Drainage or canal (concrete) material)  R1 million - R5 million = 15 points >R5 Million = 25 points	25	Evidence of credit facility with manufacturer/supplier and/or Registered Financial Institution Or Evidence of access to any legal funding instrument ( e.g. Letter of intent)	
3.	Access to a transportation facility/ Light Delivery Vehicle (LDV) / Truck	10	Letter of commitment from fleet company Or Confirmation from producer that delivery shall also be undertaken Or Documentary proof of transport or transportation facility (Log Books/ Letter of agreement supported by Log book)	
4.	Proof of Physical address  Office of Bidder outside borders of KZN = 5 pts  Office of Bidder within borders of KZN = 20 pts	20	Lease agreement; Municipal Utility Bill; or Copy of Bank Statement (first page only) with address	
5.	Company Profile  Detailed company profile indicating the HR personnel (CV's) in the company with traceable references in implementing reinforced concrete works or concrete/concrete impregnated canals for water conveyance		Company Profile (CV documents with Traceable Reference)	
	TOTAL	100		
	Minimum Functionality Threshold	70%		



# ANNEXURE C: EXPERIENCE

Please indicate your experience and expertise by completing the table:

Name and contact number of referee										
Project value										
Role (self or sub- contracted)										
Project description										
Name of project + Period										
<sup>o</sup> N	-	2	ო	4	ഹ	ဖ	2	∞	თ	10