



**agriculture
& rural development**

Department:
agriculture
& rural development
PROVINCE OF KWAZULU-NATAL

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

Quotation No: R/S/2122/520

SUPPLY, DELIVER AND INSTALL IRRIGATION.

NAME OF BIDDER: _____

COMPULSORY SITE BRIEFING DETAILS	
DATE	16 SEPTEMBER 2021
MEETING VENUE	UMBUMBULU LOCAL OFFICE
TIME	11:00

1. PRE-QUALIFICATION CRITERIA

REQUIREMENT-CIDB Grading: 1 CE/SH/ME.

For more information, please contact the following official:

**For: Technical Enquiries:
Mr X.E Jwara
082 922 0139**

**For: Quotations/SCM enquiries:
Mr Ntuthuko Hlengwa
033 343 8367**

CLOSING DATE: 23 SEPTEMBER 2021

TIME: 11:00 AM



KWAZULU-NATAL PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
 REPUBLIC OF SOUTH AFRICA

INVITATION OF QUOTATION ABOVE R30,000.00

THIS FORM SHOULD BE COMPLETED IN DETAIL AND SHOULD BE ACCOMPANIED BY A **VALID TAX COMPLIANCE STATUS PIN AND VALID BBEE VERIFICATION CERTIFICATE/AFFIDAVIT**

QUOTATION NUMBER: R/S/2122/520	VALIDITY PERIOD OF QUOTATION..... Days (To be completed by the Supplier)
CLOSING DATE: 23 SEPTEMBER 2021	CLOSING TIME: 11H00
DESCRIPTION(SPECIFICATION/S) OF ITEMS/ SERVICE REQUIRED: SUPPLY, DELIVER AND INSTALL IRRIGATION FOR TILONGO PROJECT.	COMPANY NAME: _____ TEL NO: _____ FAX NO: _____ CONTACT PERSON: CSD REG NUMBER MAAA.....
DOES OFFER COMPLY WITH SPECIFICATION?	YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DOES ARTICLE COMPLY WITH SABS SPECIFICATION? HAS IT BEEN INSPECTED BY SABS?	YES/NO YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DELIVERY PERIOD AFTER INITIAL ORDER?	
IS THE PRICE FIRM	
WHERE ARE THE STOCK HELD? (PHYSICAL ADDRESS , PLEASE)	
QUOTATION PRICE INCLUDING VAT (VAT TO BE ADDED BY REGISTERED VAT VENDORS ONLY)	TOTAL: R
COMPANY OFFICIAL STAMP (COMPULSORY) SIGNATURE OF BIDDER DATE
NUMBER OF PAGES FAXED BACK TO THE DEPARTMENT BY THE SUPPLIER(Supplier to complete)

NB: QUOTATION FOR THE ATTENTION OF: Ntuthuko Hlengwa@033 343 8367

NB:

THE ATTACHED SBD4 & SBD9 FORMS MUST BE COMPLETED IN FULL.
 THIS REQUEST FOR QUOTATION (RFQ) MUST BE COMPLETED AND RETURNED WITH ALL YOUR QUOTATION DOCUMENTS.

THE DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT: ADDRESS No 4 PIN OAK AVENUE, HILTON QUARRY, HILTON.

ANNEXURE A

COMPANY NAME : _____
 ADDRESS : _____
 CONTACT PERSON : _____
 CONTACT NUMBER : _____
 FAX NUMBER : _____
 EMAIL ADDRESS : _____

LINE NO.	DESCRIPTION OR SPECIFICATION OF ITEM (Please be very specific and clear)	REQUIRED QUANTITY	UNIT PRICE EXCL. VAT		TOTAL PRICE	
			R	C	R	C
	According to the departmental design and specifications as per attached bid document – see bill of quantities	3 PART PAYMENTS				
1	SUPPLY, DELIVER AND INSTALL IRRIGATION ACCORDING TO THE DEPARTMENTAL DESIGN AND SPECIFICATIONS AT TILONGO PROJECT, SEE ATTACHED SPECIFICATIONS ▪ TILONGO GARDEN - 4.2 HA					
* LABOUR (IF APPLICABLE)						
*DELIVERY (IF APPLICABLE)						
TOTAL						
*ONLY APPLICABLE TO VAT REGISTERED SUPPLIERS 15% VAT						
TOTAL PRICE						

*VAT Registration No. (Supplier) -----

When Required (Requester) : *30 SEPTEMBER 5-7*
~~01 AUGUST 2021~~

Where Required (Requester): UMBUMBULU

Contact details of requester: MR X.E JWARA

TEL : 082 922 0139

COMPANY STAMP

PRICES ARE VALID FOR

Mark one Box (X)

30

60

90

DAYS

SIGNATURE
 DATE



KWAZULU-NATAL PROVINCE

**AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA**

BID SPECIFICATION FOR THE SUPPLY, DELIVERY AND INSTALLATION OF IRRIGATION PROJECT

Project Particulars

Name of Irrigation Scheme: ITILONGO PROJECT

Location: eThekweni Municipality; Umbumbulu Local Municipality
Ndaya Area

GPS Coordinates: 30° 08' 03" S; 30° 38' 05 " E

Table of Contents:

No.	Section	Pages	Read/ Complete
1	Cover Page & Note	1 - 2	Read
2	A - Project Particulars	2	Read
3	B - General Conditions of Contract	2 - 4	Read
4	C - Project Technical Specifications	5 - 7	Read
5	ANNEXURE A.1: Irrigation Layout	8	Read
6	ANNEXURE A.2 : Pump house drawing	9	Read
7	ANNEXURE B.1 : Bill of quantity/pricing schedule	10	Complete
9	ANNEXURE B.1 : Bill of quantity/pricing schedule	11	Complete
10	ANNEXURE C : Evaluation of bids & Previous Experience	12 - 13	Complete
11	For Office Use	14 - 15	-
12	MAP	15	Read

NOTE

Bid specification for the supply and installation of irrigation for 5ha community garden - itilongo Project_ July 2021

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1. *This document must be read in conjunction with Drawings (See Table of Contents). 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.*
 2. *The TSS/Engineering Section (TES) takes no responsibility for an implemented project on the basis of this document alone without any prior involvement of TES before (partial) completion.
This involvement consists of, but is not necessarily restricted to:*
 - a. *Signing off of the bid/quote document and Drawings by TES;*
 - b. *Presence of TES at the handover of the site to the contractor and at the commencement of the work. The contractor is to make sure that TES is informed of his/her intention to commence the work so that TES presence can be assured.*
 - c. *Supply to the contractor by TES of A3 and A4 sized plans. The drawings supplied with this document are for quoting/bidding purposes only and no construction should take place before the contractor has received the bigger sized building plans.*
 - d. *Regular site inspections by TES and the processing of invoices on the basis of achieved progress.*
 3. *District Directors / Deputy Directors and other Departmental end users are therefore required to involve TES at the earliest possible stage, i.e. during PPC meetings or before submission of the request memo is submitted.*

A) PROJECT PARTICULARS

***Please note these are the bid specifications for a standard/generic 5.0ha irrigation scheme.
The as-built layout and specifications may therefore vary from site to site.
See Section C (Project Specifications) for details.***

1) SCOPE

The contract covers the supply of all irrigation material including piping, fittings, pump/motor combination and full installation of irrigation system for this project.

2) ACCESS TO SITE

The exact location will be established at the bid/site briefing.

B) GENERAL CONDITIONS OF CONTRACT

1) BIDDERS TO CHECK COMPLETENESS OF DOCUMENT

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

2) VALIDITY

- 2.1 All prices must be valid for a period of **four months (120 days)** from the closing date of the tender.

3) FIXED PRICE CONTRACT

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

4) PRICING (SEE ANNEXURE B – PRICING SCHEDULE)

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

5) PENALTY CLAUSE

- 5.1 If work is not completed, within the prescribed time with no valid reasons, DARD may impose a fine of up to 0.05% or maximum of R500/working day delay, deducted from the retention.

6) GENERAL

- 6.1 An amount of **R20, 000.00** excluding VAT has been allocated for the purpose of any ancillary work and for any material that may have been omitted but is required to implement the project (*See Pricing schedule item 4.1*). As there may be surplus material due to possible adjustments in the design, these items will be credited prior to the use of this amount. Please note that any un-scoped work or unlisted materials must be motivated for and is for the written approval of the Regional Engineer.
- 6.2 This amount is for reimbursement for additional works only and is based on supporting documentation including the original supplier's invoices which must be supplied to substantiate the claims (A 10% markup will be allowed). This amount is thus **not** automatically part of the contract amount but will only be available for **works and/or materials** that are not in the specification but are necessary for contract completion.

7) WARRANTY

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

8) APPLICABLE STANDARDISED SPECIFICATIONS

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

9) PAYMENTS

- 9.1 All deliveries are to be checked by a departmental representative prior to installation and certified accordingly. No payment will be made separately for the supply and delivery of materials only. Payments will only be made after the relevant phase has been completed and inspected by the Engineer. The maximum number of payments will be 5.

10) RETENTION

- 10.1 A 10% retention will be withheld on payment for the first two construction phases. The Department will pay out half of this retention, or 5% of tender value, as part of the third 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 (90 days after practical completion), the bidder having eliminated all defects.

11) SERVICE LEVEL AGREEMENT

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

12) SITE FACILITIES AVAILABLE

12.1 WATER AND SERVICES

There is no telephone connection, power or water available on site. The Contractor shall make the necessary arrangements for the provision of water and services required at the contractors own cost.

For unskilled work, the assistance of community members can be utilized at the contractor's costs and all negotiations with the community members will be the contractor's responsibility and not the Departments. . The contractor will **not** be permitted to employ local skilled labour. He shall provide his own skilled labour.

12.2 LOCATION OF CAMP

The Contractor's camp may be erected on the site of the works. No persons other than a night watchman may sleep in the camp without the approval of the local Nkosi.

12.3 HOUSING OF CONTRACTOR'S EMPLOYEES

No housing is available for the Contractor's employees and the Contractor shall make his own arrangement for housing his employees and transporting them to and from the site. However it may be possible to arrange temporary local accommodation for the contractor's staff with the local Nkosi.

The Contractor is in all respects responsible for the housing and transporting of his employees, and for the arrangement thereof, and no extension of time due to any delays resulting from this, will be granted.

12.4 SAFETY

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

13) DELIVERY OF MATERIALS

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

14) ABNORMAL RAINFALL

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

15) 'AS BUILT' DETAILS

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

16) PROGRAMME

16.1 The work is to be completed **within 3 months of the award of the bid**. The contractor is to supply a work schedule with the proposed times of completion of each phase.

C) PROJECT SPECIFICATION

SPECIAL CONDITIONS FOR THIS PROJECT

- *It is important to note that the supplied technical specifications (design, drawing and bill of quantities) are merely a guide as they pertain to the preferred Option, a standard irrigation scheme of 250m x 200m. However, the actual dimensions of the scheme for which this bid is invited may differ. **Any deviation will first have to be discussed with a Departmental Engineering representative before the start of any work or ordering of any material.***
- *Site specific circumstances will determine the **actual** specifications and it is suggested that the attached documents be priced with the understanding that the final specifications may have to be adapted to reflect the on-site conditions. Terrain slope, the shape of the lands, static lift and actual length of the mainline (the BoQ assumes a length of 500m) are some of the factors the service provider will have to investigate and compare with the supplied specifications. In most cases an adjustment will have to be made in order for the irrigation scheme to be successful.*
- *In case of the presence of limiting factors for (parts of) the project area (e.g. insufficient water availability, slopes greater than 12% or poor soils) the design size and quantities of material required must be reduced to suit the situation on site. A pro rata amount will then be paid based on the implemented system. It is envisaged that this will be conducted in consultation with the Department and in a professional manner in order not to jeopardize future dealings with this Department.*
- *The onus is on the service provider to ensure that the final product is a system that will operate in an efficient and effective manner and which will confirm to all irrigation (SABI) norms and standards.*
- *Furthermore, as it is expected to be a system the local community should be able to manage, the system users should be trained in operation and maintenance procedures and principles (see also Clause C.4.2).*

C.1) DETAILS OF CONTRACT

- C.1.1 The scheme layout must conform to the generic design as presented in Annexure A. However, the attached Bill of Quantities (Annexure B) must be checked and verified by the Bidder. The contractor may, **after** approval by the departmental representative, make adaptations to the original design if:
- site conditions require so and/or
 - these are deemed to constitute an improvement to the design *and*
 - they will not increase the overall cost of the scheme.
- All proposed changes must be accepted by the Regional Engineer prior to the ordering of materials/ installation and be confirmed in writing.
- C.1.2 The layout must be pegged out by contractor and will be checked by departmental representative. Trenches to be dug using suitable plant or local labour. Minimum trench depth must be **600mm**.
- C.1.3 All material to be supplied and delivered to site. Proper security measures must be implemented in consultation with the beneficiaries to safeguard it prior to installation. Alternatively, material can be delivered in batches, as and when required. It is the contractor's responsibility to ensure the correct material is delivered and measures are taken to safeguard it until the project is handed over.
- C.1.4 The supply and installation of all required material including piping, pump, motor.
- C.1.5 Surplus material will be retained by the Department. Should any surplus material be taken by the contractor or any material not be supplied, payment will be made based on what has been actually supplied/used/put in the scheme.
- C.1.6 All material must be checked by a departmental representative prior to installation and testing. All joints are to be left uncovered for inspection purposes and are only to be covered after inspection by departmental engineering representative and after he/she is satisfied that there are no leaks or other faults.

C.1.7 The scheme must be fully tested and commissioned in the presence of an Engineering representative of the Department. **The contractor will remain responsible for the scheme including all materials, and the official hand over and final payment will not take place, until such time that the entire scheme is fully functional and all leaks etc have been repaired.**

C.1.8 The Bidder will be required to satisfy the Department that a sufficient and experienced skilled and semi-skilled **labour force** is employed or that sufficient experienced labour can be acquired to complete the services and produce a fair quality of workmanship. **The Bidder will be required to submit a list of references/ projects (ANNEXURE C: References)** to enable the Department to inspect previously completed work and assess the capacity of the Bidder. **Furthermore, the Bidder will be required to source local subcontractors and labour (see C.6.1).**

C.1.9 The Bidder should have a minimum CIDB designation of 1 CE/SH/ME

C.2) PIPING

C.2.1 All piping must be SABS or SANS approved and of the correct class.

C.2.2 All appropriate fittings are to be supplied including any additional material for unforeseen events.

C.2.3 Equipment, pipes and other materials which are damaged before or during delivery, or during the testing of the scheme before commissioning, are to be replaced by the contractor *at no extra cost to the Department.*

C.3) FITTINGS AND DRAGLINE HOSE

C.3.1 If the required fitting is not standard, it must be made up but, if consisting of more than one part, priced as one item.

C.3.2 Dragline hose to be cut to the required length and only hose guaranteed for five years will be accepted.

C.4) PUMP AND MOTOR

C.4.1 The pump delivery required is **33.6m³/h** and the total pumping head is **35m** for the unit. The proposed pump performance specification including NPSH curves **must be supplied with the tender. The tender will not be considered if this information is not attached to the tender.**

C.4.2 The unit must include a suitable diesel motor (*Lister, Hatz, Perkins or Yanmar*) and be direct coupled to the pump (*KSB or Grundfos*). Please state make and model of motor on Annexure B. The pump and engine unit should be securely mounted on a suitable galvanized steel frame and suitably fixed (bolted) to the pump house floor slab using raw bolts.

C.4.3 The contractor is responsible for the correct alignment of both pump and motor unit.

C.4.4 All necessary fittings, adaptors, reticulation, reducers, pressure gauge, priming funnels, tools etc should be supplied with the unit.

C.4.5 A neat and accurate drawing indicating the proposed layout of both pumps, motors, pipes and fittings and layout of the works **must be provided with the tender.**

C.5) PUMP HOUSE

C.5.1 A suitable block pump house is to be constructed away from the flood zone. The position of the pump house will be indicated by a departmental representative and the bank level will have to be adjusted and checked to match the suction head of the pumps. The suction head is not to exceed 2,5m and this is to be checked prior to construction of pump house. The pump unit must be mounted on a concrete slab using suitable anchor bolts.

C.5.2 Suitable thrust blocks must also be constructed to anchor suction and delivery pipes.

C.6) LABOUR AND TRAINING

C.6.1 It is required that the trenching, pipe laying and block laying for pump house be subcontracted to local contractors in order to develop local BEE contractors. In the situation where this is not possible local labour must be used (50% of the total labor value). It is required that the subcontractor be paid every two weeks.

C.6.2 During pipe laying and installation the community must be intensively involved and trained on all aspects of the reticulation especially with respect to maintenance. The following **extensive** training in the operation and maintenance of the scheme **must** be provided before hand over of the scheme to the beneficiaries:

- Priming of the pump;
- Operation and basic maintenance of pump, engine reservoir and scheme,
- Achieving of the required sprinkler throws (diameters) and operational pressures through (1) the regulation of fuel quantities in the engine (where applicable) and (2) by regulating the flow-rates with the various valves at various levels (mains and laterals);
- assembling and disassembling of the main parts of the sprinklers;
- operation of the mobile elements of the system (hooking up of the suction pipes)
- identification of leaks and basic repairs:
 - of leaks in above ground sub-laterals with duct tape (temporary); by replacing the broken section with a coupling and/or new piping
 - of leaks in laterals around saddles and through breakage.

C.7) SAFETY

C.7.1 All safety equipment required to construct the facility are for the contractor's responsibility and provisioning. Examples include: safety and protective clothing; sound scaffolding; false work and bracing; ladders etc... all equipment, tools, offloading and safety equipment are to be in a safe operating condition and all necessary safety procedures are to be adopted where appropriate.

C.8) COMPULSORY INFORMATION REQUIRED:

The tenderer is to attach the following information with their tender:

INFORMATION AND DOCUMENTATION	FOR OFFICE USE ONLY	
	YES	NO
• Pump performance specifications and NPSH curves		
• Annexure B.1 fully completed.		
• Annexure B.2 fully completed.		
• Annexure C fully completed		
• Proof of CIDB grade.		
• All other necessary documents		

Annexure B.2 : Price of irrigation material, pump unit and pump house.					
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Total (excluding VAT)brought foward from previous page					
3.11	Treated Roof beams (38 x 114 x 3800) (in metres)	no	4		
3.12	Treated Roof perlins (50 x 76 x 4800) (in metres)	no	4		
3.13	Corrugated iron (0,32 x 630 x 3800) (in metres)	no	9		

ANNEXURE C: PREFERENCE POINT SYSTEM AND EVALUATION OF BIDS



Please Note: It is compulsory to fill this form in and return it with your bid.

Failure to do so will result in your bid being disqualified!

A) Previous work experience:

Have you completed projects of a similar nature in the past 5 years?

YES

NO

Preference will be given to contractors with previous irrigation experience. It is therefore in your own interest to provide relevant information as requested below.

B) List no more than 5 previous irrigation projects installed:

Name of Project	Project Value	Reference/Contact	Contact Number	Project size
1				
2				
3				
4				
5				

C) Indicate the [number of] and appropriate type of irrigation systems installed in the past 5 years:

Community garden (1-5ha) [] Irrigation scheme (5-50ha) [] Irrigation scheme rehabilitation []

No of ha's [] No of ha's [] No of ha's []

Drip irrigation (specialist) [] Centre pivot(s) [] Portable systems [] Other []

No of ha's [] No of ha's [] No of ha's [] No of ha's []

D) In what capacity were you involved in the irrigation projects? (Tick the appropriate box)

Contractor	Sub-contractor	Employee	Material supply only	Other:
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E) What was your role in the irrigation projects (Tick the appropriate box)

Owner of business	Site Foreman	Skilled labourer	General labourer	Other:
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F) Capacity to design and install irrigation projects

Which option mostly applies to you ?

Yes / No

1) I currently have one or more teams employed by my company that can install irrigation projects

2) I have access to temporary labourers with irrigation experience which I will employ

3) I will have to source labourers to install the irrigation system who will require training

4) I plan to source an experienced irrigation sub-contractor to install the irrigation

Declaration

I hereby verify that all of the information given above is true.

Signed by:

Date

Company stamp

FOR OFFICE USE ONLY	
CIDB grading	Score
Level 1	2
Level 2	4
Level 3	6
Level 4	8
Level 5 or higher	10
No of previous irrigation projects over the past 5 years	Score
1-2	5
2-5	10
5-10	15
10-15	20
15 or more	25
Total ha's of irrigation installed over the past 5 years	Score
0-20	5
20-50	10
50-100	15
100-200	20
over 200	25
Capacity of involvement	Score
Irrigation contractor or irrigation sub contractor	10
Experienced employee	6
Other type of contractor	4
Irrigation material supply only	2
Role played in irrigation contract	Score
Specialist or bona fida irrigation company	10
Irrigation installer	8
Skilled labour/Foreman	6
General labour	2
Capacity to design and install irrigation	Score
Specialist irrigation company that can survey, design and install irrigation projects	20
Specialist or bona fida irrigation company covering drip, centre pivots, portable etc	20
Currently have one or more teams employed by my company that can install irrigation	16
Access to temporary labourers with irrigation experience which I will employ	12
I will have to source labourers to install the irrigation who will require training	8
I plan to source an experienced irrigation sub-contractor to install the irrigation	4
NB Category parameters may be adjusted if the number of qualifying contractors in a particular category are either too high or too low	
Guide to determine level of irrigation contractor	
Level 1 contractor score 1 to 25	
Level 2 contractor score 25 to 40	
Level 3 contractor score 40 to 70	
Level 4 contractor score more than 70	
Guide to determine level of contractor required for project	Level
0 - 1ha	1
1 - 5ha	2
5 - 50ha	3
more than 50ha	4

MAP





SCHEDULE OF QUANTITIES

TILONGO IRRIGATION

ITEM NO	DESCRIPTION	AMOUNT
1	SECTION 1: PRELIMINARY & GENERAL	
2	SECTION 2: DAYWORK (PROVISIONAL)	
3	SECTION 3: IRRIGATION SYSTEM	
4	SECTION 4: PUMP STATION	
	SUB-TOTAL 1	
	ADD 10% TO SUB-TOTAL 1 (ANCILLARIES)	
	SUB-TOTAL 2 (EXCLUDING VAT)	
	ADD 15% TO SUB-TOTAL 2 (VAT)	
	TOTAL (INCLUDING VAT) CARRIED TO FORM OF OFFER	

SUPPLY, DELIVER AND INSTALL AN IRRIGATION SYSTEM AT ITILONGO PROJECT

SCHEDULE OF QUANTITIES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
1	SABS 1200 AA	SECTION 1: PRELIMINARY & GENERAL				
1.1		<u>Fixed Charge</u>				
1.1.1	8.3.1	Contractual requirements and General (insurance, sureties etc.)	Sum	1		
1.1.2	8.3.2.2	Facilities required by Contractor				
		a) Ablution and latrine facilities at construction site	No	2		
		b) Water supplies, electric power and communications	Sum	1		
1.1.3	8.3.3	Complying with Health and Safety Act				
1.3.1.1		(i) Preparation of Health and Safety File	Sum	1		
1.3.1.2		(ii) Compilation of a Risk Assessment prior to construction	Sum	1		
1.3.1.3		(iii) Health and Safety Induction Training of employees	Sum	1		
1.3.1.4		(v) Implementation of the Health and Safety Plan over the entire construction period	Sum	1		
1.3.1.5		(vi) Provision of safety gear as per OHS ACT	Sum	1		
1.1.4	8.3.4	Removal of site establishment on completion	Sum	1		
1.1.5		Setting out site as per co-ordinates	Sum	1		
1.2		<u>Time Related Charges</u>				
1.2.1	8.4.1	Contractual requirement	sum	1		
1.2.2	8.4.2	Facilities for Contractor				
1.2.2.1		a) Offices and storage sheds	month	2		
1.2.2.2		d) Living accommodation	month	2		
1.2.2.3		e) Ablution and latrine facilities at construction site	month	2		
1.2.2.4		g) Water supplies, electric power and communication	month	2		
			month	2		
1.2.3	8.4.3	Complying with Health and Safety Act				
		TOTAL SECTION 1 CARRIED TO SUMMARY			R	

SUPPLY, DELIVER AND INSTALL AN IRRIGATION SYSTEM AT ITILONGO PROJECT

SCHEDULE OF QUANTITIES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
2		SECTION 2: DAYWORK (PROVISIONAL)				
2.1		<u>Section 2.1: Labour</u>				
2.1.1		Skilled	day	20		Rate only
2.1.2		Semi-skilled	day	20		Rate only
2.1.3		Unskilled	day	10		Rate only
2.2		<u>Section 2.2: Plant</u>				
2.2.1		4 x 4 TLB or similar Type..... KW..... (to be filled in by tenderer)	hour	20		Rate only
2.2.2		Excavator: Type..... KW..... (to be filled in by tenderer)	hour	20		Rate only
2.2.3		Tipper truck 6m ³ : Type..... (to be filled in by tenderer)	hour	10		Rate only
2.2.4		12 ton Roller: Type:..... (to be filled in by the tenderer)	hour	10		Rate only
		TOTAL SECTION 2 CARRIED TO SUMMARY			R	

SUPPLY, DELIVER AND INSTALL AN IRRIGATION SYSTEM AT ITILONGO PROJECT

SCHEDULE OF QUANTITIES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
3		SECTION 3: IRRIGATION SYSTEM				
3,1						
3.1	SABS 1200DB	<u>Pipe trenches</u>				
3.1.2		<u>Excavation</u>				
3.1.2.1		Excavate in all materials for trenches backfill, compact, and dispose of surplus/unsuitable material, incl site clearance for pipes up to 200mm diam. For total trench depth of up to 1.0m	m	1 200		
3.1.2.2		Extra-over item 3.1.2.1 to include for provisional of hard rock	m ³ m ³	2		
3.2	SABS 1200LB	<u>BEDDING (PIPES)</u>				
		<u>Provision of Bedding</u>				
3.2.1		Available from trench within 1 km				
3.2.1.1		a) Selected granular material	m ³	30		Rate Only
3.2.1.2		b) Selected fill material	m ³	30		
3.2.2		Imported from borrow pits (Provisional)				
3.2.2.1		Selected granular material	m ³	30		Rate Only
3.2.2.2		Selected fill material	m ³	30		Rate Only
3.3	SABS 1200GA	<u>Thrust Blocks</u>				
3.3.1		Supply and place concrete for thrust blocks	m ³	2,0		
3.4	SABS 1200L	<u>Main & Sub-Mainlines</u>				
3.4.1		Supply, handle, lay in bedding, joint with spigot and socket joints and test to SABS standards. uPVC pipes to SABS 966 part 1 in 6m lengths with integral rubber ring joints.				
3.4.1.1		110mm class 6	m	30		
3.4.1.2		90mm class 6, 6m length	m	10		
		90mm class 6, 6m length	m	10		
		75mm class 6, 6m length	m	10		
3.4.1.3		63mm class 6, 6m length	m	15		
3.4.2		Supply, handle, lay in bedding, joint with spigot and socket joints and test to SABS standards. HDPE pipes to SABS 966 part 1 in 100m rolls with integral rubber ring joints.				
3.4.2.1		50mm class 6 (per 100 m)	no	5		
3.4.2.3		32mm class 6 (per 100m)	no	5		
SUB-TOTAL SECTION 3 CARRIED TO SUMMARY					R	

SUPPLY, DELIVER AND INSTALL AN IRRIGATION SYSTEM AT ITILONGO PROJECT

SCHEDULE OF QUANTITIES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
		SECTION 3 CONTINUES				
3.5	SABS 1200L	<u>Specials and Fittings</u>				
		Supply, lay and bed class. Joint, incl cut pipes to length where required, test and disinfect, extra over items and pipelaying				
3.5.1		<u>Bends</u>				
3.5.1.1		75mm x 45°	No.	1		
3.5.1.2		110mm x 45°	No.	1		
3.5.2		<u>M/F Reducers</u>				
		110mm x 40mm	No.	1		
3.5.2.1		90mm x 75mm	No.	1		
		75mm x 63mm	No.	1		
		63mm x 50mm	No.	1		
3.5.2.2		40mm x 32mm	No.	2		
3.5.3		<u>End caps</u>				
3.5.3.1		32mm	No.	2		
		40mm	No.	2		
3.5.4		<u>Polypropylene saddle with steel ring</u>				
3.5.4.1		50mm x 25mm BSP saddle	No.	31		
3.5.4.2		40mm x 25mm BSP saddle	No.	20		
3.5.4.3		32mm x 25mm BSP saddle	No.	15		
3.5.5		<u>Air valves</u>				
3.5.5.1		1" x 1m long galvanised stand pipe	No.	3		
3.5.5.2		1" ball valve	No.	3		
3.5.5.3						
3.5.6		<u>Cluster Unit 1</u>				
3.5.6.1		90mm R.O Bend	No.	1		
3.5.6.2		75 x 50mm R.O Bend	No.	1		
3.5.6.3		50 x 1000mm galvanised standpipe	No.	2		
3.5.6.4		50mm galvanised equal tee	No.	2		
3.5.6.5		50mm barrel nipple	No.	4		
3.5.6.6		40mm barrel nipple	No.	2		
3.5.6.7		50 x 40mm reducing socket	No.	2		
3.5.6.8		50mm brass gate valve full bore	No.	2		
3.5.6.9		50mm brass gate valve full bore	No.	2		
3.5.6.10		40mm x 90° galvanised elbow	No.	2		
3.5.6.11		40mm x 90° galvanised elbow	No.	2		
3.5.6.12		50 x 750mm galvanised standpipe	No.	2		
3.5.6.13		40mm galvanised standpipe	No.	2		
3.5.6.14		50mm R.O. Bend	No.	2		
3.5.6.15		40mm R.O. Bend	No.	2		
3.5.7		SPRINKLER AND ABOVE GROUND EQUIPMENT				
		Supply, deliver and install sprinkler unit, on laterals on PVC sub-mains, including clamps etc. Backfill, test and flush lateral lines.				
3.5.7.1		VYRSA36 Sprinkler 4.0mm Brown 20 Nozzle and plug at 25m of Pressure and delivery rate of 961 l/hour	No.	35		
3.5.7.2		25mm x 300mm long galvanised riser pipe	No.	70		
3.5.7.3		25mm nylomatics	No.	35		
3.5.7.4		Short Nylon Riser piplets	No.	35		
3.5.7.5		300mm dragline stands	No.	70		
3.5.7.6		100m coil x 20mm dragline hoses	No.	7		
		50mm PVR valve	No.	4		
		SUB-TOTAL SECTION 3 CARRIED TO SUMMARY			R	

SUPPLY, DELIVER AND INSTALL AN IRRIGATION SYSTEM AT ITILONGO PROJECT

SCHEDULE OF QUANTITIES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
4		SECTION 4: PUMP STATION				
	PPS 2	PUMP STATION				
4.1		Supply, deliver, install, test and commission a KSB, Grundfos or similar approved pump with a capacity of 33.6m ³ /hr and a head of 35m. The pump is to be driven by a Lister, Hatz, Perkins or Yanmar diesel engine, the pump to deliver the specified discharge and head. The pump and diesel engine to be mounted on a steel base plate. The pump and diesel engine to be approved by the responsible engineer prior to procurement and delivery.	Sum	1		
		STEEL PIPES AND FITTINGS FOR PUMP STATION				
4.2		Design, supply, deliver, install and test all the steel pipes, fittings, valves and specials complete with gaskets, bolts, nuts and washers according to SABS 971 and BS534 required for the pump in section 4.1 above. All steel pipes and fittings to have a wall thickness of 4.5mm and galvanised fittings to have a wall of thickness of 4.5mm and galvanising to be according to SABS 1461. The rate to include a 24m suction line. The design to be approved by the responsible engineer prior to procurement and delivery.	Sum	1		
		PUMP STATION CIVILS				
4.3		Design and construct a suitable pump house structure complete with block work wall (M150), IBR roof sheeting, steel door with burglary guides and ventilation in accordance with the NHBRC regulations. Rate to include all necessary earthworks, concrete, building and civil works. Structure to be a maximum of 3m x 2m. The design to be approved by the responsible engineer prior to procurement and construction.	Sum	1		
SUB-TOTAL SECTION 4 CARRIED TO SUMMARY						

KINDLY COMPLETE PLEASE!!!

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.

2. 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*):

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 identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

¹"State" means -

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1989 (Act No. 1 of 1989);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

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.

KINDLY COMPLETE PLEASE!!!

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:

Name of person / director / trustee / shareholder/ member:
Name of state institution at which you or the person connected to the bidder is employed :
Position occupied in the state institution:

Any other 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 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 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

KINDLY COMPLETE PLEASE!!!

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**

2.10.1 If so, furnish particulars.

.....
.....
.....

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract? **YES/NO**

2.11.1 If so, furnish particulars:

.....
.....
.....

3 Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	Personal Reference Number	Tax Number	State Number / Persal Number	Employee / Persal Number

KINDLY COMPLETE PLEASE!!!

4 DECLARATION

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

May 2011

**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 **exceed/not exceed** R50 000 000 (all applicable taxes included) and therefore the **.....** preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

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

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

	POINTS
PRICE	
B-BBEE STATUS LEVEL OF CONTRIBUTOR	
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;
- (i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. 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:

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

- P_s = Points scored for price of bid under consideration
- P_t = Price of bid under consideration
- P_{\min} = 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 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

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

6.1 B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)
 (Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

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

(Tick applicable box)

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

7.1.1 If yes, indicate:

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

(Tick applicable box)

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

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

Designated Group: An EME or QSE which is at least 51% owned by:	EME	QSE
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

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

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

.....

.....

.....

.....

8.6 COMPANY CLASSIFICATION

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

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:

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

fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

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

WITNESSES

1.

2.

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

DATE:

ADDRESS

.....

.....

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

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

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

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2011 (Regulation 9) makes provision for the promotion of local production and content.
- 1.2. Regulation 9.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

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

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

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

1.6 A bid may be disqualified if –

- (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and
- (b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

2. Definitions

- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
 - 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);
 - 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
 - 2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
 - 2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).
 - 2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour or intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
 - 2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
 - 2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and
 - 2.9. **“sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.
3. **The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

Description of services, works or goods Stipulated minimum threshold

- 1. Piping 100%
- 2. Fittings and connections 100%
- 3. Pump house, unit and fittings 100%

4. Does any portion of the services, works or goods offered have any imported content?

(Tick applicable box)

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

4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

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

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

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

5. Were the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?

(Tick applicable box)

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

5.1. If yes, provide the following particulars:

- (a) Full name of auditor:
- (b) Practice number:
- (c) Telephone and cell number:
- (d) Email address:

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

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

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

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

IN RESPECT OF BID NO.

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

.....
NB

1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thdti.gov.za/industrial-development/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

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

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that:

- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (ii) the declaration templates have been audited and certified to be correct.

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

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

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

The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2011 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

Annex C

Local Content Declaration - Summary Schedule

(C2) Tender No.
 (C3) Tender descriptions
 (C4) Designated product(s)
 (C5) Tender Authority
 (C6) Tendering Entity names
 (C7) Tender Exchange Rate
 (C8) Specified local content %

Pula EU GBP

Tender Item No's	List of Items	Tender price - each (incl VAT)	Value		Imported value	Local value	Local content % (per item)	Tender Summary			
			Exempted Imported value	Tender value net of exempted Imported content				Total tender value	Total exempted Imported content	Total Imported content	
(C9)	(C3)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)

Signature of Tenderer from Annex B _____

Date: _____

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

Items VAT to be excluded from all calculations

Annex D

SATS 1885.3

Imported Content Description - Supplement to Annex C

(D1) Tender No.		Note: VAT to be excluded from all calculations
(D2) Tender description:		
(D3) Designated Products:		
(D4) Tender Authority:		
(D5) Tendering entity name:		
(D6) Tender Exchange Rates	EUR: <input type="text" value="1.00"/> GBP: <input type="text" value="1.33.00"/>	

A. Exempted imported content

Tender Item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost incl VAT	Quantity	Total Imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
(D19) Total exempt imported value											

B. Imported directly by the Tenderer

Tender Item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost incl VAT	Quantity	Total Imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
(D32) Total imported value by tenderer											

C. Imported by a 3rd party and supplied to the Tenderer

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost incl VAT	Quantity Imported	Total Imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total imported value by 3rd party											

D. Other foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange	Local value of payments
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party					

Statement of tender from Annex B

(D53) Total of imported content & foreign currency payments - (D18), (D31) & (D44) above

Date: _____

Annex E

Local Content Declaration - Supporting Schedule to Annex C

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

Note: VAT to be excluded from all calculations

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

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

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

(E12) Administration overheads (Marketing, insurance, financing, interest etc.) _____

(E13) Total local content _____

This form must accompany Annex E - E14

Signature of tenderer from Annex B

Date: _____

CONTRACT FORM - RENDERING OF SERVICES

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

PART 1 (TO BE FILLED IN BY THE SERVICE PROVIDER)

1. I hereby undertake to render services described in the attached bidding documents to (name of the institution)..... in accordance with the requirements and task directives / proposals specifications stipulated in Bid Number..... at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the Purchaser during the validity period indicated and calculated from the closing date of the bid .

2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Bidding documents, viz
 - Invitation to bid;
 - Tax clearance certificate;
 - Pricing schedule(s);
 - Filled in task directive/proposal;
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
 - Declaration of interest;
 - Declaration of bidder's past SCM practices;
 - Certificate of Independent Bid Determination;
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract; and
 - (iii) Other (specify)

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

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

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

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

NAME (PRINT)

CAPACITY

SIGNATURE

NAME OF FIRM

DATE

WITNESSES

1

2

DATE:

CONTRACT FORM - RENDERING OF SERVICES
PART 2 (TO BE FILLED IN BY THE PURCHASER)

1. I..... in my capacity as..... accept your bid under reference numberdated.....for the rendering of services indicated hereunder and/or further specified in the annexure(s).
2. An official order indicating service delivery instructions is forthcoming.
3. I undertake to make payment for the services rendered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice.

DESCRIPTION OF SERVICE	PRICE (ALL APPLICABLE TAXES INCLUDED)	COMPLETION DATE	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)

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

SIGNED ATON.....

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

WITNESSES

1

2

DATE:

OFFICIAL BRIEFING SESSION/SITE INSPECTION CERTIFICATE

N. B.: THIS FORM IS ONLY TO BE INCLUDED AND COMPLETED WHEN APPLICABLE TO THE BID.

Site/building/institution involved:

Bid No:

Service:

THIS IS TO CERTIFY THAT (NAME):

ON BEHALF OF:

VISITED AND INSPECTED THE SITE ON..... (DATE)

AND IS THEREFORE FAMILIAR WITH THE CIRCUMSTANCES AND THE SCOPE OF THE SERVICE TO BE RENDERED.

.....
SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE
(PRINT NAME)

DATE:

.....
SIGNATURE OF DEPARTMENTAL REPRESENTATIVE
(PRINT NAME)

.....
DEPARTMENTAL STAMP:
(OPTIONAL)

DATE:

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.
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	<p>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 <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.1.1	If so, furnish particulars:		
4.2	<p>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.</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.2.1	If so, furnish particulars:		
4.3	<p>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?</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.3.1	If so, furnish particulars:		

4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		

SBD 8

CERTIFICATION

**I, THE UNDERSIGNED (FULL NAME).....
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION
FORM IS TRUE AND CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT,
ACTION MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION
PROVE TO BE FALSE.**

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

J&365bW

CERTIFICATE OF INDEPENDENT BID DETERMINATION

SBD 8

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ invited.
- 2 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).² Collusive bidding is a *per 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. disregard 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.
 - b. 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.
- 4 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.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² 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)

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 consortium² 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.
8. 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.

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

SBD 9

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 69 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

Ja914w2

OFFICIAL BRIEFING SESSION/SITE INSPECTION CERTIFICATE

N. B.: THIS FORM IS ONLY TO BE INCLUDED AND COMPLETED WHEN APPLICABLE TO THE BID.

Site/building/institution involved:

Bid No:

Service:

THIS IS TO CERTIFY THAT (NAME):

ON BEHALF OF:

VISITED AND INSPECTED THE SITE ON..... (DATE)

AND IS THEREFORE FAMILIAR WITH THE CIRCUMSTANCES AND THE SCOPE OF THE SERVICE TO BE RENDERED.

.....
SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE
(PRINT NAME)

DATE:

.....
SIGNATURE OF DEPARTMENTAL REPRESENTATIVE
(PRINT NAME)

.....
DEPARTMENTAL STAMP:
(OPTIONAL)

DATE: