

CPSC/403/1/4/B/PC/004/2020R

Telephone: 012 649-6684/6686 Fax: 012 649-6687

Enquiries: Staff Sergeant G.H. Mkhize

Department of Defence (Logistic Support Formation) Central Procurement Service Centre Eco-Origin Office Park, Block E

349 Witch Hazel Avenue Eco Park, Centurion

0157

9 March 2022

Sir/Madam

BID CPSC/B/PC/004/2020R: SUPPLY, ERECTION AND COMMISSIONING OF SEWER TREATMENT PLANT AT SWARTWATER MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE WITH ATHREE (03) YEAR MAINTENANCE REQUIRED BY: SOUTH AFRICAN ARMY ENGINEERING FORMATION CLOSING TIME FOR BID 11:00 AM ON 11 APRIL 2022

NB: BIDDERS ARE ENCOURAGED TO NUMBER THE PAGES OF THE TENDER/BID (EG 1 OF 100) AND TO MAKE COPIES OF THE ENTIRE BID DOCUMENT

- 1. You are hereby invited to furnish this Department with a bid for the supply of the above-mentioned items as per attached documents. The documents, you should be in possession of are; This Cover Letter, SBD 1, SBD 3.1 (Pricing Schedule), Group Questionnaire, Specification (if applicable), SBD 4, SBD 6.1, Sub-Contractor Form, Vetting and Screening, SBD 8 and SBD 9.
- 2. THE FOLLOWING CONDITIONS MUST BE STRICTLY ADHERED TO; FAILURE TO ADHERE TO ALL THE CONDITIONS LISTED BELOW WILL INVALIDATE YOUR BID:
 - a. Bidders are requested to complete all Standard Bidding Documents (SBD's) in full.
 - b. Please note that any scratches or using of tipex is not allowed on the pricing schedule or SBD 3.1.
 - c. A Group Questionnaire must be submitted with the bid documents and be fully complete. Failure to fully complete the group questionnaire will invalidate the bid.
 - d. A sealed two separate envelope system must be adhered to: one envelope for technical proposal must be dropped in the bid box and one envelope for price proposal (SBD3) must be submitted at Lieutenant D.J. Modise's office in her absence submit at Major S.M. Manoto's office. The envelopes must be labelled correctly. Submission of one envelope will invalidate your bid.





BID CPSC/B/PC/004/2020R: SUPPLY, ERECTION AND COMMISSIONING OF SEWER TREATMENT PLANT AT SWARTWATER MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE WITH ATHREE (03) YEAR MAINTENANCE

- 3. The conditions contained in General Bid Conditions (GBC), General Conditions of Contract (GCC) and all the attached forms will apply to your Bid.
- 4. Kindly bid by completing the relevant forms, redirect to the **DEPARTMENT OF DEFENCE**, **LOGISTIC SUPPORT FORMATION**, **CENTRAL PROCUREMENT SERVICE CENTRE** to reach the bid receipt office not later than the closing date and time, or deposit in the bid box in the security office at the **Main Entrance Central Procurement Service Centre**, **Eco-Origin Office Park**, **Block E**, **349 Witch Hazel Avenue**, **Eco Park**, **Centurion before the closing date and time**.
- 5. Please note that the bid box will be closed daily between 11:00am and 12:00am. Bids can be handed in at the CPSC Bid Receipt Section Ground Floor during this period. However, if the bid is late it will as a rule not be accepted for consideration.
- 6. The following persons can be contacted regarding the following aspects of this Bid only during office hours:
 - a. Completion of Bid Document: Captain D.M. Moroka (012) 649-6670/6644.
 - b. Technical Information: Lieutenant Colonel M.L. Vorster (012) 671-6106 or Captain J. Matladi (012) 671 6114/066 062 3217 or Captain Mabasa (073 344 8114.
- 7. There will be a compulsory Bidders Information Briefing Session on 24 March 2022 at 11:00am. The venue will be Swartwater Military Base. No Late Comers will be entertained and failure to attend on time will invalidate your Bid. NB: ALL SUPPLIERS TO ARRIVE BEFORE 11:00 AM TO REGISTER; HOWEVER IF THE NUMBER OF SUPPLIERS EXCEED 50% OF THE VENUE CAPACITY THERE WILL BE A SECOND BRIEFING SESSION AFTER THE FIRST BRIEFING SESSION FOR THE REGISTERED SUPPLIERS ONLY.
- 8. Kindly take note that according to Government Gazette No 9544 Vol 552 dated 08 June 2011 No 34350, all bidders must submit their B-BBEE status level certificates together with their bids. Should the certificate not be submitted, a zero (0) point will be allocated.

Yours Sincerely

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(MAJOR N. SOBEKWA)

OFFICER COMMANDING CENTRAL PROCUREMENT SERVICE CENTRE: COLONEL



SUPPLY, ERECTION AND COMMISSIONING OF A SEWER TREATMENT PLANT AND ASSOCIATED SERVICES AT SWARTWATER MILITARY BASE

CPSC/B/PC/004/2020R

VALIDITY: 120 Days

CLOSING DATE AND TIME:2022 at 11H00

INDEX

Section A: Bid General Information

Contact Information Bid Submissions

Standard Bid Documents

SBD 1

SBD 3

SBD 4

SBD 6.1

SBD 8

SBD 9

Briefing session: A compulsory briefing session to be attended and a Briefing Certificate to be attached.

Section B: Bid Adjudication Information

Bid Conditions

Tax Clearance Certificates (to be attached in original format)

Evaluation Criteria

Distributors/Agents/Sub-contractors

Required Information

Profile Information, Qualification and Experience

Section C: Requirement and Contract Information

Contract Conditions

GCCs

SCCs

Specific Documents

Specifications/Scope of Work

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

Prepared by: CPSC Approved by: AMENDMENT: 000 Original	DATE:	Page 2 of 52
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SECTION A:

BID GENERAL INFORMATION

Contact Information

Bid Submissions

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

Prepared by:
CPSC
Approved by:

AMENDMENT: 000
Original

DATE:
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CONTACT INFORMATION

1. Technical Information:

Lt Col M.L. Vorster

Office Tel No: (01

(012) 671 6100

Capt J. Matladi (012) 671 6114

2. Information regarding the Bid Document or Bidding Process:

Capt D.M. Moroka

Office Tel No: (012) 649 6670

Staff Sergeant V.B. Mokwena Office Tel No: (012) 649 6644

Contract Management

Capt Mukhane (012) 649 6417

Postal:

BID SUBMISSIONS

3. Closing period of bid : 5 to 6 weeks

4. Closing date and time :2022 at 11h00

5. Validity of bid : 90 days

6. Address for depositing of bid documents:

Eco-Origin Office Park

349 Witch-Hazel Avenue, Block E

Central Procurement Service Centre

Eco Park 0157

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

Prepared by:
CPSC

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Original

DATE:
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PART A INVITATION TO BID

YOU ARE HEREBY	Y INVIT	ED TO BID FOR REQ	UIREMENTS OF TH	E (NAME OF	DE	PARTMEN	T/PUBL	IC EN	TITY)		
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Eco-Origin Offi											
349 Witch Haz											
Eco Park, Cent				T							
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CONTACT PERSO		Major N. Sobekwa	a	CONTAC					basa/Captain T	adi	
TELEPHONE NUMBER (012) 649-6682 TELEPHONE NUMBER (012) 671 6114 FACSIMILE NUMBER n/a FACSIMILE NUMBER (012) 671 6100											
E-MAIL ADDRESS	-K	n/a invitationdodcp	ec@amail.com	FACSIMILE NUMBER (012) 671 6100 CELL-NUMBER 073 344 8114/066 062 3217							
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/SERVICES /WORKS [IF YES ENCLOSE PROOF] OFFERED? QUESTIONNAIRE BELOW]					√]						
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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 (SBD7).

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMITTHEIR 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 PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PA	RTICULARS 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:	



Request for Bid: CPSC/B/PC/004/2020R

Author: G.H Mkhize Date: 03/08/2022 09:51:41

PRICING SCHEDULE

Request for Bid Open				The state of the s
Document Type	Company Name: Attention: Tel No:	Fax No: Cell No:	Email:	
CPSC/B/PC/004/2020R 0000420646	SUPPLY, ERECTION AND COMMISSIONING OF CENTER TOWARD TREATMENT PLANT AT SWARTWATER MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE WITH A 3 YEAR MAINTENANCE PLAN	ZAR 2022/04/11 11:00:00	Created	
Bid No. Document No:	Description:	Currency: Closing Date:	Status: Validity Days:	

No.

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Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs	Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs	Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs			A LACHED STEEL TOXION 1 ST. 1	Lead Time	Quantity Required	Quantity Available	
Item Code Item Description Item Description Consumer Delivery Point Purchase Unit of Misasure Maintenance OF Sewer Treatment Palnt at Swartwater Sa army Engineering Purchase Unit of Misasure Military Operational Base in Limpopo Province AS PER FORMATION ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time Quantity Required Quantity Available Item Cost in Zar Currency, Including VAT and ALL Delivery Costs Total Cost in Zar Currency, Including VAT and ALL Delivery Costs Total Cost in Zar Currency, Including VAT and ALL Delivery Costs Total Cost in Zar Currency, Including VAT and ALL Delivery Costs Total Cost in Zar Currency, Including VAT and ALL Delivery Costs Total Cost in Zar Currency, Including VAT and ALL Delivery Costs Total Cost in Zar Currency Total Cost in Zar Currenc	Item Code Item Description Consumer Delivery Point Purchase Unit of Measure	Item Code Item Description Consumer Delivery Point Purchase Unit of Measure ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time Auantity Required Quantity Available Auantity Available Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency Total Cost		Total Unii Total C	t Cost in ZAR Currency, Including VAT and ALL Delivery Costs ost in ZAR Currency, Including VAT and ALL Delivery Costs				
B-PC-004-03 MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE AS PER FORMATION ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time Quantity Required Line Comment Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs	B-PC-004-03 MAINTENANCE OF SEWER TREATMENT PALNT AT SWARTWATER B-PC-004-03 MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE AS PER FORMATION ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time Line Comment Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs	B-PC-004-03 MAINTENANCE OF SEWER TREATMENT PALNT AT SWARTWATER SA ARMY ENGINEERING FORMATION ATTACHED SPECIFICATIONS FOR YEAR TWO (02) Lead Time Comment Line Comment Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs		ifem Code	Item Description	Consumer	Delivery Point	Purchase Unit of Measure	Date Required
Total Unit Cost in ZAR Currency, Including VAT and ALL Delivery Costs Al IACHED SPECIFICATION FOR THE Quantity Required Auantity Required	Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs	Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs Total Cost in ZAR Currency, Including VAT and ALL Delivery Costs		B-PC-004-03	MAINTENANCE OF SEWER TREATMENT PALNT AT SWARTWATER MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE AS PER	SA ARMY ENGINEERING FORMATION		Year	
		Total Unit Cost in ZAR Currency, Including VAT and All Total Cost in ZAR Currency, Including VAT and All ZAR Currency, Including VAT and All ZAR Currency, Including VAT C	₆		A I ACHEU SPECIFICATIONS FOR LESS (92)	Lead Time	Quantity Required		
				Total Un			-		

Item Code	Item Description	Consumer	Delivery Point	Purchase Unit of Measure	Date Required
B-PC-004-04	MAINTENANCE OF SEWER TREATMENT PLANT AT SWARTWATER MILITARY OPERATIONAL BASE IN LIMPOPO PROVINCE AS PER	SA ARMY ENGINEERING FORMATION		Year	
	ATTACHED SPECIFICALIONS FOR TEAN TIMEE (33)	Lead Time	Quantity Required	Quantity Required Quantity Available	
			1		
Total	Total Unit Cost in ZAR Currency. Including VAT and ALL Delivery Costs				
) lefoT	Total Cost in ZAR Currency. Including VAT and ALL Delivery Costs				

Options LEVEL1 LEVEL2 LEVEL3 LEVEL6 LEVEL6 LEVEL6 LEVEL8 NON-COMPLIANT
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CENTRAL PROCURMENT SERVICE CENTRE

CLOSING DATE OF BID: 11 APRIL 2022 BID NUMBER: CPSC-B-PC-004-2020R

GROUP QUESTIONNAIRE	110 12	
	Tick the	applicable box
Period (in days) required to complete Delivery?		
r office (in days) required to complete belivery:		**************************************
The Department of Defence Prefers Firm Prices.		
Price Firm.		NOT
Delivery Period Firm.	YES□	NO□
·	YES□	NO□
Comply to description as requested?	YES□	NO□
If not, state deviations.		
		······································

Will a Government Order be accepted?	YES□	NO□
Are you registered in terms of Section 23 (1) or	YES□	NO□
23 (3) of the Value Added Tax (Act no.89 of 1999)/		
Vat Registration Number:	S	
Company Registration number:		
Confirm that in the event of a contract be concluded, it will be in terms of General Bid		
Conditions and General Conditions of contract		
(attached), the contents of which you are fully	YES□	NO□
acquainted with. If a trade discount is offered, is it included in	1202	1100
the price?	YES□	NO□
IMPORTANT! Prices not reflected on the official	documentation _l	provided as part of this Bid will not
be taken into consideration. PLEASE NOTE THAT PRICES INDICATED IN T	HIS DOCUMEN	T WILL BE TAKEN AS ABEING
VAT INCLUSIVE.		
This requirement may be awarded in total to one	supplier or per i	ndividual item.
The obligation to pay sub-contractors is my responsibility.	YES□	NO□
It is your responsibility to make a copy of your	YES□	NOT
completed Bid document. The Department of	TESL	NO□
Defence will not make copies of Bid Documents after the closing date and time. Is this noted?		
Your company must include a copy of your	VEC	NOD
CIPRO registration either CM2 or CK1 in your	YES□	NO□
Bid document. Is this noted?		

SBD 4

DECLARATION OF INTEREST

NAME OF	COMPANY:						
SUPPLIEF	R'S CODE:						
1.	Any legal person, including persons employed by the state ¹ , 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 an advertised competitive bid, a limited bid, a proposal or written price quotation). 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, shareholder², member):						
2.4	Registration number of company, enterprise, close corporation, partnership agreement or trust:						
2.5	Tax Reference Number:						
2.6	VAT Registration Number:						
2.6.1 'State" means	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.						

- (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);
 (b) any municipality or municipal entity;
 (c) provincial legislature;
 (d) national Assembly or the national Council of provinces; or

- (d) national Ass (e) Parliament.

^{2"}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:	
	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 attach 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:	
	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

	Full Name	Identity	Personal	Tncome	State	E
3	ull details of directors / trust	ees / members / sha	reholders.			
4. H ₂	in 30, idinish partiodiais.					
2 11	If so, furnish particulars:					
	of the company have any inter whether or not they are bidding	est in any other relate		i Eo/N	•	
2.11	Do you or any of the directors	/ trustees / sharehold	ers / memhers	YES/No	n	
2.10.	1 If so, furnish particulars.					
2.10	Are you, or any person conne aware of any relationship (any other bidder and any p who may be involved with the of this bid?	family, friend, other) berson employed by th	e state	YES/N	0	
2 10	Ara you or any naroan agence	otod with the hidden		VEORI		
			eren en			
		50 50 50 00 00 50 00 00 00 00 00 00 00 0				
	n oo, rannon particulars.					
2.9.1	If so, furnish particulars.					

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

4	DECLARATION				
	I, THE UNDERSIGNED (N	AME)			
	CERTIFY THAT THE INFO I ACCEPT THAT THE S DECLARATION PROVE TO	TATE MAY REJEC			
	Signature		Date		
	Position		Name	of bidder	

November 2011

CERTIFICATE OF COMPLIANCE BY SUB-CONTRACTOR

THIS CERTIFICATE MUST BE SUBMITTED WITH THE COMPLETED BID DOCUMENTS

CONTRACTOR'S NAME:	
SUB-CONTRACTOR'S NAME:	
Delete whichever is not applicable.	
I/we am/are fully aware of the Bid Required item(s)/service(s) strictly according Specifications supplied by the Department	uirements and am/are capable of supplying the ng to the Bid Conditions, Special Conditions and t of Defence. I/we hereby certify that
	obtained a quotation from me/us to
supply the item(s)/service(s) listed in Bid n	10
Section/s	
I/we further certify that I/we have the rexecute the Bid.	necessary infrastructure at my/our disposal to
I/we, the Sub-Contractor/s am/are willing access to my/our premises for inspection p	to allow the Department of Defence's Officials ourposes if required to do so.
Sub-Contractor's Contact Person:	
Address of Sub-Contractor:	
Tel No:	
Fax No :	
	SIGNATURE OF SUB-CONTRACTOR
WITNESSES:	
1.	Date:
2.	Date:

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 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 Preference 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 codes 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.
- (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 invitations, 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	8	16
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 6.1 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 NO
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 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 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		
CONTRACTOR OF THE CONTRACTOR O	Partnership/Joint Venture / Consortion One person business/sole propriety Close corporation Company (Pty) Limited PPLICABLE BOX]		
8.5	DESCRIBE PRINCIPAL BUSINES	SACTIVITIES	
8.6	COMPANY CLASSIFICATION		
	Manufacturer Supplier Professional service provider Other service providers, e.g. transp [TICK APPLICABLE BOX]	orter, etc.	
8.7	Total number of years the company	/firm has been in business?	
8.8	that the points claimed, based on th	uly authorised to do so on behalf of the company/firm, certify e B-BBE status level of contributor indicated in paragraph 1.4 qualifies the company/ firm for the preference(s) shown and I /	

- (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 paragraph 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 BIDDER(S)
2.	DATE:
	ADDRESS:

DECLARATION OF BIDDERS PAST SUPPLY CHAIN MANAGEMENT PRACTICES

The following questionnaire must be completed and submitted with the Bid

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's database 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 National Treasury after the <u>audi alteram partem</u> rule was applied).	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)? To access this Register enter the National Treasury's website www.treasury.gov.za , click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 326 – 5445.	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:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure on or comply with the contract?	Yes	No
4.4.1	If so furnish particulars:		
	CERTIFICATION		
CERT	E UNDERSIGNED (FULL NAME) TIFY THAT THE INFORMATION FURNISHED ON THIS DECLAR IT IS TRUE AND CORRECT.	RATIO	 N
ACTIO	CEPT THAT, IN ADDITION TO CANCELLATIONS OF A CONTRA ON MAY BE TAKEN AGAINST ME SHOULD THIS DECLARATION OF FALSE.	ACT, ON PRO	OVE
 Signat	ure Date	••••••	••••
 Positio	on Name of Bidder		• • • • •

Name of Bidder

SBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ 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).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 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.
- 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:

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 respe	ct:
l certify, on behalf of:that	:
(Namo of Ridder)	

(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
 - provides the same goods and services as the bidder and/or is in the same (c) 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 consortium³ 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.

³ 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.

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
	lo014w.1

Js914w 2

DI SEC INSTR/02/2012

VETTING AND SCREENING OF PRIVATE COMPANIES AND INDIVIDUALS DELIVERING SERVICES TO THE DEPARTMENT OF DEFENCE

APPENDIX A TO DI SEC INSTR/02/2012

QUESTIONNAIRE: PRIVATE COMPANIES

Company Name:				
Company Registration Number:				
DOD Supplier Code (if alre	eady registered with the DOD):			
Personal particulars of Con	mpany Director(s) (Include copy of RSA Identification and passport document):			
Personal particulars of sub	-contractor if any (Include copy of RSA Identification and passport document):			
	200000000000000000000000000000000000000			
Company Physical Address	s:			
Company Postal Address:				
Company Core Business:	500			

A-2

1.	When did the company begin with its operation?
	Answer:
2.	Does the company have a valid SARS tax clearance certificate? If yes, provide the tax clearance certificate number and the certified copy of the certificate.
	Answer:
3.	Is the company registered with the Company and Intellectual Property Commission (CIPC)? If yes, provide the registration number and attach a certified copy of the registration certificate.
	Answer:
4.	Who are the shareholders of the company and what percentage of shares do they each possess?
	Answer:
5.	What services will be rendered by the company to the SANDF.
	Answer:
6.	What DOD installations/unit and specific area/section does the company required access to:
	Answer:
7	Does the company provide services to other RSA state departments? If yes, provide the names of the departments and the period/s during which service was provided.
	Answer:
8.	Does the company provide services to foreign governments and/or companies? If so, provide details.
	Answer:
	194

A-3

9.	Has the company been implicated in fraudulent activities? If yes, provide details.
	Answer:
10.	Has the company been implicated in corrupt practices? If yes, provide details.
	Answer:
	82
	······································
4.4	
11.	Has the company been implicated in any other criminal activity? If yes, provide details.
	Answer:
12.	Does the company have the Employment Equity Plan? If yes, provide the Employment Equity Plan as well
	as the number and composition of the employees. (Only if the company is South African or employs South Africans)
	Africans)
	Africans) Answer:
13.	Africans) Answer:
13.	Africans) Answer:
13.	Africans) Answer: What is the track record and achievements of the company? Provide details.
13.	Answer: What is the track record and achievements of the company? Provide details. Answer:

A-4

14.	Is the com	pany under investigation by any government security agency? If yes, provide details.
	Answer:	
		335
15.		wn factor could possibly prevent this company from entering into contract with the Department of nd Military Veterans or any component thereof and why?
	Answer:	
		555
		.B
Com	piled by:	
ID: _		Title: Name:
Signa	ature:	

Important aspects to take note of

- This document must always be accompanied by the profiles of the director(s) of the company as well as their RSA identification and passport documents.
- Always attach the current Financial statement(s) of the company.
- The current and valid SARS Tax Clearance certificate must be attached.
- A Company Profile must be submitted with bid.



SECTION B:

BID ADJUDICATION INFORMATION

EVALUATION CRITERIA

MANDATORY DOCUMENTATION

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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EVALUATION CRITERIA

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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MANDATORY CRITERIA

1. Phase 1: Compliance to the mandatory requirements. Bidders that do not fully comply with the criteria will be eliminated / excluded and will not go to the next phase.

S/No	Criteria	Yes	No
1.	General Rules for completion of Bid documents. Amendment, scratching, use of tippex and omission to all the documents will	b	С
	invalidate the bid. Other documents which do not form part of Two Envelope System must be consolidated into a Bid document (clearly marked, Company stamp, Company name and Bid number) which should be deposited into the CPSC Brown Bid Box (situated at 349 Witch-Hazel Avenue, Eco-Origin, Centurion) on or before the closing date and time.		
2.	Standard Bid Documents (SBDs) 1,3.1, 4, 6.1, 8 and 9. Failure to fully complete and sign any of the SBD documents attached and submit them in their originality by the closing date and time will invalidate the bid. The price must not appear anywhere in the bidding documents and the price that is required on SBD1 should be referred to price proposal (SBD3). Failure to adhere to this will invalidate the bid.		
3.	Submission of Two envelope system Bidder are required to submit STRICTLY Two (2) separate properly sealed envelopes, clearly marked, Company stamp, Company name, Bid number and closing date. THESE ENVELOPES MUST BE SUBMITTED TO BID RECEIPT OFFICE AT CENTRAL PROCUREMENT SERVICE CENTRE.		
	ENVELOPE 1: PRICE PROPOSAL It must contain SBD3.1 or Price Schedule only. Price Breakdown (where necessary).		
	ENVELOPE 2: TECHNICAL PROPOSAL It must contain Scope of Work/Specification/Bill of material and bid.		
4.	Financial Capability or Proof of Good Financial Standing. Bidders are to submit a certification or proof of good financial standing from an auditor/accountant/book keeper indicating that the company bidding has the financial capability to fund and satisfy the bid they are tendering for. The auditor or accountant must have a registration number. Failure to submit this certification will invalidate your bid.		
5.	Certificates of Compliance by Sub-Contractors. Failure to submit		

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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S/No	Criteria	Yes	No
	a	b	С
	an original certificate of compliance by any/all sub-contractor(s) as declared on the SBD6.1 will invalidate your bid.		
6.	Central Suppliers Database: Bidder to submit Central Suppliers Database (CSD) Registration Report not older than fourteen (14) days prior to the closing date of the bid must be submitted as obtainable from the National Treasury. This document must reflect the details of directors. Failure to submit the report will invalidate your bid.		
7.	<u>Vetting Form:</u> Failure by the bidding company to complete and enclose the attached security vetting form with its entire requirements will invalidate your bid.		
8.	<u>Group Questionnaire:</u> Failure to fully complete the group questionnaire will invalidate the bid.		
9.	Workmanship Guarantee. Bidders are to certify that the workmanship will have a guarantee of twelve months and will remain the responsibility of the contractor to replace the equipment/material that are damaged or of poor manufacturing quality and poor workmanship. Failure to comply will invalidate your bid.		

2. **Phase 2**: This phase will be evaluated by means of compliance to specification / scope of work. Bidders not excluded or invalidated based on Phase 1 will be considered for Phase 2. The bids will be adjudicated with a maximum total of Thirty Seven(37) points. All bidders who score less than 70% will be excluded from the next phase of the evaluation.

Functionality Criteria	Weight
a. Experience	05
b. Project Execution Plan	29
c. Skills Transfer	03

Phase 3: Price.

Phase 3 Price. (Will be according to specific requirements)	80/
---	-----

<u>Phase 3:</u> The reasonable of prices or tariffs offered by responding suppliers must be determined as indicated in JDP/ACQ/00003/2004 Edition no: 1 Date: 1 August 2004. This can be done by either of the following method:

- a. <u>Standard Approach</u>. The PQs/bid received are compared with each other to establish the reasonableness of price or tariffs.
- b. <u>Market Comparisons</u>. The offered prices or tariffs are compared with each the marketrelated prices or tariffs that the suppliers charge their other clients, i.e. wholesale clients in the private sector.

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- c. <u>Price History</u>. The offered prices or tariffs are compared with prices or tariffs paid or used in the past.
- d. <u>Profit Analysis</u>. The profit before tax on a full statement of applicable costs must be determined and its reasonableness determined. The various cost elements and their values must be supplied, preferable with the PQs/bids, as a minimum requirement where the reasonableness of the prices or tariffs must be determined on the basis of profit. The average net profit for the different industrial sectors lies between 10% and 15%.
- 4. Preferential points. (As per Preferential Procurement Policy Framework ACT, 200: Preferential Procurement Regulations, 2017). Act No.5 of 2000 requirement in the B-BBEE status Level Certificate accredited by the South African National Accreditation System (SANAS) or Independent Regulatory Board of Auditors (IRBA) which must be submitted together with the Bid document).

Phase 4	Preferential B-BBEE	points		/20
			attaining the B-BBEE ance with the table	
	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	8	16	
	4	5	12	
	5	4	8	
	6	3	6	
	7	2	4	
	8	1	2	
	Non-compliant Contributor	0	0	
	A bid must not be disqualified from the bidding process if the bidder does not submit a certificate substantiating the B-BBEE status level of contribution or is a non-compliant contributor. Such a bidder will score zero (0) out of a maximum of ten (10) or twenty (20) points respectively for B-BBEE. Calculation of the total points scored for price and B-BBEE status level of contribution			
	•	•	o the points scored for ne bidder's total points	

5. Thereafter the points achieved are used in the application of the Preference Point System as per the B-BBEE status Level Certificate.

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MANDATORY BID DOCUMENTATION1

1. The following standard bid documents and appendices must be fully completed in all aspects in a clear legible manner, signed by a duly authorised representative of the bidder and attached in the following order by the closing date and time.

STANDARD BID DOCUMENTS

SBD 1: Invitation to bid

SBD 3: Pricing Schedule and breakdown

SBD 4: Declaration of Interest

SBD 6.1: Preference Points Claim Form

SBD 8: Declaration of Bidders past supply chain management practices

SBD 9: Certificate of Independent Bid Determination

MANDATORY APPENDICES

Appendix A: Company Profile

Appendix B: Briefing Session Certificate

Appendix C: Certificate of Compliance by Sub-Contractor

Appendix D: Questionnaire

Appendix E: Specification Compliance

Appendix F: Accreditations

Appendix G: Financial Capability Statement.

Appendix H: Vetting and screening of the companies and individuals

MANDATORY BID DOCUMENTATION²

¹ The completion and submission of the following standard bid documents and appendices is **mandatory** and must be submitted as a complete bid document by the closing date and time. Failure to fully complete and submit the standard bid documents and appendices by the closing date and time **will** invalidate the bid.

² The completion and submission of the above standard bid documents and appendices are **mandatory** and must be submitted as a complete bid document by the closing date and time in a sealed envelope with the bid number, closing date and time endorsed on the outside. **Late bids** will not be accepted or processed and will be returned unopened to the address appearing on the bid document. Failure to fully complete and submit the standard bid documents and appendices by the closing date and time **Will** invalidate the bid as incomplete.

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COMPANY PROFILE / EXPERIENCE

- 1. Bidders must submit a company profile covering the following minimum headings in the supply and support of the relevant contract commodity or service to be provided as Appendix A.
 - a. Detail of company Directors.
 - b. Copies of company registration documents listing shareholders namely the CK1and CK2 for a Close Corporation, Relevant Documents for Sole Proprietorship and Private Companies respectively (relevant documents to be attached)
 - c. Address of head and regional offices.
- 2. The company profile must be signed by a duly authorized representative of the bidding company.

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BRIEFING SESSION CERTIFICATE

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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APPENDIX C

LETTER OF SUPPLY / SUB-CONTRACTORS CERTIFICATE

1. If bidders are making use of a sub-contractor to render service then they must attach a signed sub-contractors certificate from their supplier confirming subcontracting of this requirement.

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APPENDIX C

CERTIFICATE OF COMPLIANCE BY SUB-CONTRACTOR

THIS CERTIFICATE MUST BE SUBMITTED WITH THE COMPLETED BID DOCUMENTS IN THE ORIGINAL BY THE SUB-CONTRACTOR

BIDDERS NAME:	2		
SUB-CONTRACTOR'S	NAME:		
Delete whichever is no	nt applicable.		
item(s)/service(s) strict	y according to the	and am/are capable of sup Bid Conditions, Special ence. I/we hereby certify th	Conditions and
		obtained a quotation	from me/us to
supply and deliver the ite	em(s)/service(s) listed in l	Bid no	
Section/s		on their behalf to th	ie DOD.
the Bid and meet all the	delivery requirements for ly and delivery standard	infrastructure at my/our di r the duration of the contra ls. We confirm that we ha	ict and will comply
		I with the Local Authorit om the Local Authority. (0	
I/we, the Sub-Contractor my/our premises for insp Sub-Contractor's Contactor	ection purposes.	Department of Defence's (Officials access to
Fox No:	or:	······································	
WITNESSES:	SIC	SNATURE OF SUB-CONT	RACTOR
1	Da	te:	
2	Da	te:	
FAILURE TO COMPLY	Y TO ALL OR PART OF THE	CONDITIONS WILL INVALIDAT	E YOUR BID.
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APPENDIX D

QUESTIONNAIRE

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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QUESTIONNAIRES FOR SUPPLY, ERECTION AND COMMISSIONING OF A SEXERPLANT AND ASSOCIATED SERVICES WITH THREE(3) YEARS MAINTENANCE

MUST BE COMPLETED BY ALL BIDDERS BY CIRCLING THE RELEVANT ANSWER.

1	Prices
62	Prices

Do you confirm compliance to the stipulation that bid prices are **firm** specified in the Specific Conditions will be considered by the Departments Procurement Service Centre for the duration of the contract?

Yes/No

Price Structure

a. Wages

Compliance with Labour Legislation

Do you, as the Bidders, comply with any applicable wage order/determination or agreement, in terms of the Labour Relations Act or Wage Act.

Yes/No

b. Remuneration

Is your industry regulated by a wage order/determination? or agreement in terms of the Labour Relations Act?

Yes/No

What is the minimum wage you pay un-skilled Workers in your company?

t_____ per hour

or

R_____ per month

c. Equipment/Consumables

Has a list of equipment and consumables to be used for the Execution of the contract been submitted

*Yes/No

2. Consumer Price Index

Indicate which Province/Municipal area was used as a baseline in determining the bid price?

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3. Specifications

Do you confirm strict compliance to the specification and scope of work? Yes/No

4. Bid Conditions

- a. Do you confirm compliance to the Specific Conditions? Yes/No
- b. Do you confirm compliance to the Special Conditions of Contract? Yes/No
- c. Do you confirm compliance to the General Bid Conditions? Yes/No
- d. Do you confirm compliance to the General Conditions of Contract? Yes/No
- e. Do you confirm that you have kept copies of all the above documents?

Yes/No

5. Military Inspections

Do you confirm that it is a mandatory requirement that DOD Procurement officials/Identified DOD Officials must complete a physical inspection of you and all suppliers/sub-contractors premises during the evaluation of the bids and will do ad-hoc inspections during the period of the contract?

Yes/No

6. Site Inspection/Explanatory Meeting

a. Was the site inspection/explanatory meeting attended? Yes/No

b. Has the original signed site inspection/explanatory meeting Certificate been submitted?

Yes/No

POST AWARD REQUIRED DOCUMENTATION

- a. Performance Security. Do you take cognizance of the fact that within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount which represents 10% of the estimated contract price for the year specified in SCC for the fulfillment by the Service Provider of his/her obligations under the said agreement.

 Yes/No
- b. Standard Bid Document (Contract Form 7.1). Do you confirm that you will sign a Contract Form 7.1 upon award or within a maximum period of 10 days after the award of the contract? Yes/No
- 7. **Finance.** Do you confirm that you have finance available to manage the contract for a period of three months based on your bid amount? **Yes/No**
- 8. <u>Bid Documents</u>. Have you made / kept a copy of your completed Bid document and the relevant bid conditions for reference purposes.

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9. <u>Clarification of information.</u> Has it been noted and confirmed that the Departmen may request clarification on any information regarding any aspect included in the bid. The bidder is to supply the requested information within the requested time span, failing which may result in the bid being disqualified.
(Signed)
Full Name of Bidder's Authorised Representative:
Witnesses 1

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APPENDIX E

COMPLIANCE TO SPECIFICATION³

COMPANY	NAME:			-
COMPANY	REGISTR	ATION NUMBER:		
BID NUMB	ER:			
DESCRIPT	ION:			e.
	uthorised rep		herewith confirm and endorsed to the bid/price quotation.	e that we have read
item(s)/service supplied by the the specification circle the application	aware of the aware of the strictly are Department on and all its its icable statem	the Bid Requirements are according to the Bid Core to of Defence. I/we hereby a contents with no deviation to the contents with no deviation to the contents with the contents	nd am/are capable of supposed am/are capable of supposed conditions, Special Conditions certify that I/We COMPLY/DO ons. (NB: Delete whichever in the conditions)	and Specifications NOT COMPLY to
Table 1: Dev Specification	iations to Sp	ecifications per paragrap	<u>h</u>	
para no	Deviation			
accepted offer required servi additional cost	rupon deliver ce strictly as ts to the Depa tem/s or serv	ry of the item/s or service was per specification within a cartment. I/We acknowledge ice from another source ar	with any portion of the speve undertake to replace the items a period as specified by the that the Department reservent we will be held financially a	em/s or provide the Department at no s the right to obtain
Print Name/Names			Sign	
closing date a	and time will E TO COMPL y:	invalidate the bid.	ond return it with the bid/PQ CONDITIONS WILL INVALIDAT DATE:	•
Approved t	7.			



Date		

APPENDIX F

ACCREDITATIONS

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Approved by:	3.1g.na.		



APPENDIX G

FINANCIAL CREDIBILITY STATEMENT

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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APPENDIX H

VETTING AND SCREENING OF COMPANIES

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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SECTION C: CONDITIONS AND CONTRACT REFERENCE INFORMATION

GENERAL BID CONDITIONS (GBC)

GENERAL CONDITIONS OF CONTRACT

SPECIAL CONDITIONS OF CONTRACT

SPECIFIC CONDITIONS

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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GENERAL BID CONDITIONS

DEPARTMENT OF DEFENCE

GENERAL BID CONDITIONS (GBCs)

TABLE OF CLAUSES

- 1. Definitions.
- 2. Application.
- 3. Availability.
- 4. Approved list of bidders.
- 5. Preparation of bids.
- 6. Charge for bid documents.
- 7. Samples.
- 8. Alternative offers.
- 9. Partial bids.
- 10. Bid prices and delivery periods.
- 11. Validity periods.
- 12. Closing of bids.
- 13. Lodging of bids.
- 14. Open bids or unnumbered envelopes.
- 15. Opening of bids.
- 16. Late bids.
- 17. Consideration of bids.
- 18. Award of bids.
- 19. Quantities other than specified.
- 20. Bidder's incorrect information.
- 21. Notification of awards.
- 22. Furnishing of bid information.
- 23. Amendment or withdrawal of bid.

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GENERAL BID CONDITIONS

- 1. **Definitions**. Unless inconsistent with or otherwise indicated by the contents, the following terms shall have the meanings assigned to them:
 - a. Acceptance of a Bid. Means the award of a contract to a bidder in response to his bid or price quotation.
 - b. <u>Bid.</u> Means a written offer on the official bidding documents forming part of firstly, an invitation to bid, which invitation has been advertised in the Government Tender Bulletin, or secondly, an offer submitted in response to an invitation to submit a price quotation.
 - c. <u>Bidder</u>. Means any natural or juristic person submitting a bid or a price quotation.
 - d. <u>Closing Time</u>. Means the date and hour specified in the bidding documents for the receipt of bids or price quotations.
 - e. <u>Department</u>. Means the Department of Defence and in specific any of its Procurement Entities.
 - f. Firm Prices. Are deemed to be the prices which are only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax which, in terms of a law or regulation is binding upon the contractor and demonstrably have an influence on the prices of any supplies, or the rendering costs of any services, for the execution of the contract.
 - g. <u>Price Quotation</u>. Means a written offer sounding in money and reflected on the documentation wherein the offer was invited, duly completed and where necessary signed by or on behalf of the bidder.
 - h. GBC. Means the General Bid Conditions.
 - i. <u>Written or In Writing</u> Means handwritten in ink or any form of electronic or mechanical writing.
- 2. <u>Application</u>. The GBCs are applicable to all Departmental bids and written price quotations, unless otherwise indicated in the bidding documents. Where the conditions in the bidding documents are in conflict with the GBCs, the conditions in the bidding documents shall prevail.
- 3. **Availability**. Copies of these GBCs are available, on application, from the Secretary for Defence (Attention: Chief of Acquisition and Procurement), Private Bag X910, Pretoria, 0001 or from any of the Department's Procurement Entities.

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Approved by:

Approved by:

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- 4. **Approved List of Bidders**. In the event that an approved list of bidders has been compiled for specific goods or services, bids will only be invited from bidders on such a list.
- 5. <u>Preparation of Bids</u>. Concerning the preparation of bids, bidders are to note the following:
 - a. **Expenses**. Unless otherwise indicated in the bid documents, the Department shall not be liable for any expense incurred in the preparation and submission of a bid
 - b. <u>Bidding Documents</u>. Bidders are required to make use of the prescribed bidding documents. No changes to the bid documents are to be made.
 - c. <u>Information</u>. All the information called for in the bidding documents is to be furnished in the appropriate spaces, eg the bid prices. If requested, other information required, pamphlets, samples, etc are to be supplied.
 - d. <u>Address</u>. A domicilium citandi et executandi shall be chosen in the Republic and stated in the bid.
 - e. <u>Completion of Bidding Documents</u>. Bidders are to complete the bid documents, forms, certificates, questionnaires and specification forms in all aspects and to submit bids signed in ink of your choice.
 - f. <u>Bid Envelope</u>. The bid number must not appear on any envelope unless the envelope contains the bid itself. In particular, the bid number must not appear on an envelope containing a request for bid documents.
 - g. <u>Bidder's Own Conditions</u>. Bids should not be qualified by the bidder's own conditions of bid. Bids qualified by a bidder's own conditions may be rejected as being invalid and failure of the bidder to renounce such conditions when called upon to do so may invalidate the bid. This includes any alterations, erasures, omissions or additions by bidders to the bid documents.
 - h. <u>Submission of Documents</u>. The bid documents are to be submitted with due consideration to the following:
 - i. The bid documents are not to be retyped or redrafted. Photocopies may be prepared and used, but the original signed document must be submitted with the bid.
 - ii. Bidders must check the number of pages and satisfy themselves that none are missing or duplicated.
 - iii. Bidders must bid in accordance with the requirements stipulated in the bid documents.
 - iv. Bids must be compiled in such a manner that it allows for easy crossreferencing between the bid document and the submitted bid.

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- i. <u>Documents.</u> Bidders are to ensure that all required or specified documents are included in their bids.
- j. Compliance to Conditions and Specifications. Bidders are to clearly indicate in their bids that their offers are compliant to the conditions and specification pertaining to the bid. If not, it must be clearly stated where and in which manner their offers are non-compliant to the conditions and specifications.
- 6. <u>Charge for Documents</u>. Where applicable and as required in the bidding documents or advertisement, a non-refundable fee for documents may be charged.

7. Samples

- a. The Department shall not make samples available to prospective bidders, unless specifically mentioned in the bid documents;
- b. When samples are called for in bid documents, samples shall be delivered at the cost of the bidder to the addressee mentioned in the bid documents before the closing time of the bid. Bids shall not be included in parcels containing samples.
- 8. <u>Alternative Offers</u>. In the event that bidders offer products alternative to that called for, bids for such alternative offers shall be submitted on separate copies of the bid documents, but only if bids are submitted for the specified requirement.
- 9. <u>Partial Bids</u>. In the event that bids for supplies and/or sales are called for, bids may be submitted for less than the number of specified items, or part of the specified quantity or requirement called for in the bid.

10. Bid Prices and Delivery Periods

- a. <u>Firm Bids</u>. Firm bid prices and delivery periods are preferred. However, bidders may submit firm or non-firm prices and delivery periods. Where a bidder has not indicated whether his prices or delivery periods are firm or not, bid prices and delivery periods are deemed to be firm and the contractor shall be bound thereby. Expressions such as "soonest" or "earliest" or delivery periods which are unspecified are not acceptable.
- b. <u>Contract Periods</u>. Where different prices are bid for different periods of the contract, the bid price applicable in respect of a particular period of the contract shall be a firm price if, as regards such period, it conforms to the definition of firm prices.
- c. <u>Proof.</u> The Department may, where non-firm prices are offered, require that proof of costs of labour, material or other factors which are specified by the bidder, be submitted and, should the cost in the opinion of the Department not be realistic, same may be brought into consideration in the comparison adjudication of the bids.

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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- 11. <u>Validity Periods</u>. The period for which bids are to remain open for acceptance, valid and binding is indicated in the bidding documents and is calculated from the closing time and such offers are to remain open for acceptance, valid and binding until close of business on the last day of the period so calculated. Should this last day fall on a Saturday, Sunday or Public Holiday, the bid will remain open for acceptance, valid and binding until close of business on the first business day following such Saturday, Sunday or Public Holiday.
- 12. <u>Closing of Bids</u>. Bids close at the time and date indicated in the bid documents. Extension of the closing date may be granted if circumstances justify this action. The closing date is normally extended only if there is sufficient time to publish an amending notification before the original closing date.
- 13. Lodging of Bids. Concerning the lodging of bids the following shall apply:
 - a. Receipt. Bids shall be lodged to ensure their actual receipt at the address before the closing time specified and in accordance with the directives in the bidding documents.
 - b. **Envelope**. Each bid shall be addressed according to the directives in the bidding documents and shall be lodged in a separate sealed envelope with the name and address of the bidder, the bid number and the closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope.
 - c. <u>Copies</u>. Unless specifically provided for in the bid invitation, no bids forwarded by e-mail, telegram, telex, facsimile or similar apparatus will be considered. Photostat copies of bids or photostat copies of faxes, signed in ink after being photostatted, will be accepted as valid bids.
 - d. <u>Samples</u>. Bids shall not be included in packages containing samples as such bids may be rejected as being invalid.
- 14. Open Bids or Unnumbered Envelopes. 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. However, if a bid is received in an unsealed envelope or without an envelope, it shall be sealed in an envelope after the bid number has been written on the envelope.
- 15. **Opening of Bids**. Bids are opened in public as soon as practicable after the closing time and the names only of the bidders are read out, if so requested, at the time of opening the bids.
- 16. <u>Late Bids</u>. Bids are late if they are received at the address indicated in the bid documents after closing time. A late bid will not be opened or admitted for consideration and where practicable shall be returned unopened to the address appearing on the envelope.
- 17. <u>Consideration of Bids</u>. During the consideration of bids the following applies:
 - a. Bids Considered. All bids correctly lodged are taken into consideration.

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- b. <u>Position of Bidder</u>. The financial standing of bidders and/or their ability to manufacture or to supply goods or to render a service may be examined before their bids are considered for acceptance.
- c. <u>Comparative Prices</u>. In comparing bids, the prices are brought to a comparative level by deducting unconditional discounts, preferences and other benefits and adding delivery and other costs as applicable and bringing implied contract price adjustments into account. Non-firm bid prices are adjusted in accordance with the assessed contract price adjustments implicit in the non-firm prices. Where a range of delivery periods is quoted, the worst implied delivery period is used when calculating the comparative prices.
- d. <u>Preferential Point System</u>. Where bidding documents include documents relating to a preferential point system, the required calculations will be made and comparison of bids done on the basis of points earned through the preferential point system.
- e. <u>Adjustments to Prices</u>. The department reserves the right to rectify any incorrect calculations made by the bidder, but no adjustments may be made to the input figures.
- f. <u>Compliance to Specification</u>. Bids will be evaluated to establish compliance to product or service specifications, with due consideration to alternative offers and/or deviations to specification.
- g. <u>Evaluation Criteria</u>. Where bidding documents include evaluation criteria relating to functionality, for example bidder's capability, bidders profile, etc, the required calculations will be made and comparison of bids done on the basis of points earned.
- h. <u>Negotiations.</u> Unless otherwise stated in the bid documents, no negotiations will be entered into.
- Communication with Bidders. The Department may request clarification on information regarding any aspect included in the bid, which the bidder is to supply by the indicated date.
- 18. <u>Award of bids</u>. After prices have been brought to a comparative level and/or points calculated according to a preferential points system, the bid will be awarded considering the following order of priority:
 - a. If the preferential point system is applicable, normally to the bidder with the highest points, unless reasonable and justifiable grounds exist for passing over the bidder with the highest points. In the event of equal bids, the award is according to the relevant regulation.
 - b. If the preferential point system is not applicable, normally to the bidder with the lowest bid in the case of purchases by or services to the Department, or highest bid in respect of sales, unless reasonable and justifiable grounds exist for passing

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over the bid with the lowest bid in the case of purchases by or services to the Department, or highest bid in respect of sales. In the event of equal bids, the award is according to the following order:

- i. Bidders offering firm bid prices as well as firm delivery periods.
- ii. Supplies provided and services rendered from resources available within the Republic.
- iii. Supplies and services from points nearest to the centres at which delivery is required.
- iv. All things still being equal, the award shall be decided by the drawing of lots.
- c. The Department is not obliged to accept the lowest or any bid.
- d. The Department may, where a bid relates to more than one item, accept such bid in respect of any specific item or items and also accept part of the specified quantity of any specific item or items.
- 19. **Quantities Other than Specified**. The Department may increase or decrease the quantities reflected in the bids, but will do so after consultation with the bidders that responded to the invitation to bid.
- 20. <u>Bidder's Incorrect Information</u>. Where a contract has been awarded on the strength of information furnished by the bidder, which, after the conclusion of the relevant agreement, is proved to have been incorrect, the Department may, in addition to any other legal remedy it may have
 - a. recover from the contractor all costs, losses or damages incurred or sustained by the Department as a result of the award of the contract; and/or
 - b. cancel the contract and claim any damages which the Department may suffer as a result of having to make less favourable arrangements.
- 21. <u>Notification of Acceptance</u>. Successful bidders are notified by registered or certified mail of the acceptance of their bids, either through a contract form or by official departmental order forms.

22. Furnishing of Bid Results

- a. The following particulars of the successful bidders are normally published in the Government Tender Bulletin for general information:
 - i Name
 - ii. The price and delivery basis.

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- iii. The brand name of the product or the name of the manufacturer, if applicable.
- iv. Where applicable, the preference percentages claimed.
- b. Bids are not available for perusal by the public, but, at the written request of a bidder or interested party, the names and addresses of all bidders may be furnished over and above the information published in the Government Tender Bulletin.
- c. Requests for any further information will be treated as provided for by law.
- 23. <u>Amendment or Withdrawal of Bid</u>. If a bidder amends or withdraws his bid after the closing time and within the validity period or extended validity period, he shall reimburse the Department any damages if a less favourable bid is accepted or less favourable arrangements are to be made.
- 24. **Failure to Comply**. Where bidders fail to comply with any of these conditions, the Department reserves the right to invalidate bids received.

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GENERAL CONDITIONS OF CONTRACT

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GOVERNMENT PROCUREMENT GENERAL CONDITIONS OF CONTRACT

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

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General Conditions of Contract

- 1. Definitions
- 1. The following terms shall be interpreted as indicated:
- 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 "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.
- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidised by its government and encouraged to market its products internationally.
- 1.6 "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.
- 1.7 "Day" means calendar day.
- 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
- 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.

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- 1.11 "Dumping" occurs when a private enterprise abroad markets its goods on own initiative in the RSA at lower prices than that of the country of origin and which has the potential to harm the local industries in the RSA.
- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "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.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "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 supplier 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 the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.

1.20 "Project site," where applicable, means the place indicated in FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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bidding documents.

- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "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 supplier covered under the contract.
- 1.25 "Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasurv.gov.za or www.info.gov.za

4. Standards

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.
- 5. Use of contract documents and
- 5.1 The supplier shall not, without the purchaser'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 purchaser in connection

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information; inspection.

therewith, to any person other than a person employed by the supplier 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.

- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
 - (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty

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obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies 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. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

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9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

11.1 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 SCC.

12. Transportation

12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in SCC.

13. Incidental services

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
 - (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 supplier of any warranty obligations under this contract; and

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- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.
- 13.2 Prices charged by the supplier 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 supplier for similar services.
- 14. Spare parts
- 14.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:
 - (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
 - (b) in the event of termination of production of the spare parts:
 - advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.
- 15. Warranty
- 15.1 The supplier 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 supplier 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 supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
- 15.2 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 SCC.
- 15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

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- 15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
- 15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. Payment

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

- 17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.
- 18. Contract amendments
- 18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.
- 19. Assignment
- 19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.
- 20. Subcontracts
- 20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.
- 21. Delays in the supplier's performance
- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.

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- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.
- 21.5 Except as provided under Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to Clause 22, unless an extension of time is agreed upon pursuant to Clause 21.2 without the application of penalties.
- 21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled 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 goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

22.1 Subject to Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser 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 the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to Clause 23.

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23. Termination for default

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to Clause 21.2:
 - (b) if the Supplier fails to perform any other obligation(s) under the contract; or
 - if the supplier, in the judgement of the purchaser, has (c) engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, However, the supplier shall continue works or services. performance of the contract to the extent not terminated.

and countervailing duties and rights

24. Anti-dumping 24.1 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 subsidised 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 favourable difference shall on demand be paid forthwith by the contractor to the State or the State may 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

- 25. Force Majeure 25.1 Notwithstanding the provisions of Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
 - 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause

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thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for insolvency

26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

disputes

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- 27. Settlement of 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
 - 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
 - 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
 - 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
 - 27.5 Notwithstanding any reference to mediation and/or court proceedings herein,
 - the parties shall continue to perform their respective obligations under the contract unless they otherwise agree: and
 - the purchaser shall pay the supplier any monies due the (b) supplier.

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID. Prepared by: DATE: **CPSC AMENDMENT: 000** Page 45 of 52 Original



28. Limitation of liability

- 28.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6;
 - (a) The supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and
 - (b) The aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing language

- 29.1 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.
- 30. Applicable law
- 30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
- 31. Notices
- 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice
- 31.2 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 of such notice.

32. duties

- Taxes and 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
 - 32.2 A local supplier shall be entirely responsible for all taxes, duties. license fees, etc., incurred until delivery of the contracted goods to the purchaser.
 - 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department 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.

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SPECIAL CONDITIONS OF CONTRACT

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DEPARTMENT OF DEFENCE

SPECIAL CONDITIONS OF CONTRACT (SCCs)

TABLE OF CLAUSES

- 1. Changed Requirement.
- 2. Co-ordinated Activities.
- 3. Contractor's Personnel.
- 4. Value Added Tax (VAT).
- 5. Damage Compensation.
- 6. Waiver.
- 7. Severability.
- 8. Sub-contracting.
- 9. Awarding of the bid.
- 10. Liability Insurance

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SPECIAL CONDITIONS OF CONTRACT

CHANGED REQUIREMENT

1. If Department of Defence institutions participating in this contract are disbanded or relocated or for reasons unknown at the time of concluding the contract, the Department of Defence reserves the right to cancel the contract or parts thereof on written notice of 90 days sent to the contractor at the address appearing in the contract.

CO-ORDINATED ACTIVITIES

- 2. Whilst on Department of Defence premises, personnel of the contractor will have access to all areas, subject to other stipulations in the relevant contract, to render the services. If the contractor's service is not rendered in a specific area at a given time, access to that area is forbidden.
- 3. The work to be executed must under no circumstances disrupt the routine activities taking place in the institution or on the premises where the service is to be provided.

CONTRACTOR'S PERSONNEL

- 4. <u>Identification</u>. To identify the contractor's personnel on the premises of the Department of Defence, the personnel will comply with the following, with any costs for the account of the contractor:
 - a. Personnel will wear company identification cards with an employee photograph on it, conspicuously on his/her person at all times;
 - b. Personnel will wear identifiable uniforms whilst on duty.
- 5. Attitude towards Safety, Health, Security and Service Delivery. Without prejudice to the contractor's responsibility and right to select and appoint his/her own personnel, the Department of Defence will at all times have the right to identify personnel of the contractor whom are considered to be safety and/or health and/or security risk and/or personnel whom are undesirable. In such case the contractor will be requested not to utilise such person(s) any longer to honour his/her obligations in terms of this contract. The contractor will immediately comply with the request and he/she will not, as a result of such a request, be entitled to institute any claim against the Department of Defence for any loss or otherwise suffered as a result of such a request. The contractor therefore indemnifies the Department of Defence against any claim whatsoever from the employee concerned.
- 6. <u>Name List.</u> The contractor must submit a complete name list of all personnel to be employed on Department of Defence premises to provide the service according to the contract, to the Department of Defence official at the institution or on the premises where the service is to be provided, who will arrange for entry permits for the contractor. Any changes to the personnel must be communicate to the designated official without delay.

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7. <u>Personnel on Site</u>. The contractor must ensure that the total number of personnel offered for the execution of this contract is on duty on a daily basis. Provision must therefor be made for temporary or stand-in personnel for cases where personnel are on leave or sick leave.

VALUE ADDED TAX (VAT)

8. All monies paid in terms of this bid is subject to value added tax calculated at the appropriate tariff from time to time as provided for in the Value Added Tax Act, Act 89 of 1991, the schedules thereto and Rulings as issued by the South African Revenue Services in regard to value added tax.

DAMAGE COMPENSATION

- 9. The contractor herewith indemnifies the Department of Defence from any claim that may arise from a third party and all costs or legal expenses in this regard, to such a claim for loss or damage resulting from the death, injuries or disability of any such person(s), or the damage to property of the contractor or any other person(s) that may result from or be related to the execution of this contract.
- 10. The contractor will be held responsible for any damage or theft that may be caused, to the premises or content by him or his employees or be due to their neglect whether in the normal execution of their duties or otherwise and a claim for indemnification can accordingly be imposed by the Department of Defence against the contractor.
- 11. In the case of damages to premises or content resulting from the work done, the contractor will undertake to rectify the damage immediately to the satisfaction of the Department of Defence. If the contractor fails to act immediately after notification, the Department of Defence will rectify the damage at will and the cost thereof will be recovered from any moneys outstanding.
- 12. The Department of Defence and it's employees will not be held responsible for any claim or injury to the contractor's personnel whilst on Department of Defence property or in the execution of their tasks on Department of Defence property.

WAIVER

13. No waiver of any of the terms and conditions of the contract will be binding or effectual for any purpose unless expressed in writing and signed by the parties thereto, and any such waiver will be effective only in specific instances and for the purpose given. No failure or delay on the part of either party in exercising any right, power or privilege hereunder will operate as a waiver thereof, nor will any single or partial exercise of any right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

SEVERABILITY

14. Should any of the terms and conditions of the Contract be held to be invalid or unlawful, such terms and conditions will be severable from the remaining terms and conditions, which will continue to be valid and enforceable.

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SUB-CONTRACTING

- 15. In the event that sub-contractors are used to execute the contract or part thereof, the following shall apply:
 - a. <u>Prior Approval</u>. Once the contract has been concluded, the contractor shall obtain prior approval from the Department of Defence before the appointment of any subcontractor.
 - b. <u>Payment</u>. The contractor shall remain liable to reimburse the sub-contractors for goods delivered or services rendered to the Department of Defence.

AWARDING OF THE BID

16. The DOD reserves the right to contract only a part of the contact or split the awarding of the contract to more than one bidder.

LIABILITY INSURANCE

17. The DOD will not be held responsible for any damages, loss and injury of Personnel, the contractor must make sure he/she has the Liability Insurance.

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DEPARTMENT OF DEFENCE (DOD)

ENGINEERING FORMATION



SCOPE OF WORK AND SPECIFICATION FOR SUPPLY, ERECTION AND COMMISSIONING OF A SEWER PLANT AND ASSOCIATED SERVICES WITH 3 YEARS MAINTENANCE

FAILURE TO COMPLY TO ALL OR PART OF THE CONDITIONS WILL INVALIDATE YOUR BID.

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PROJECT SPECIFICATION

EXECUTION OF CONTRACT

NTRODUCTION

1. Supply, installation and commissioning of a sewer plant and associated services at Swartwater Military Operational Base in the Limpopo Province.

SCOPE OF WORK

- 2. General Description of the works
 - a. The work shall entail the manufacture, supply transport and delivery and commissioning of a sewer plant and associated services as specified in the Project, Technical and Particular Specifications.
 - b. The work shall include, but not be limited to the following:
 - i. Manufacture, Transport and deliver, commission and testing of sewer plant on site.
 - ii. Site clearance
 - iii. Plumbing and drainage related works.
 - iv. Construct a soak away French drain system
 - v. Dismantle and take down existing canopy and fencing and Erect new overhead canopy and fencing.
 - vi. Commission the plant.
 - vii. Provide onsite training (Skills Transfer) to Military Personnel during erection and commissioning stage as well as during monthly inspections.
 - viii. Maintenance for a period of three (3) years.
- 3. The contract period shall be for a period of no more than 12 weeks. Extension will only be granted if the delay is as result of an Act of God or due to Military Operational requirements.
- 4. No compensation in this regard will be paid to the contractor.
- 5. The Contractor shall however submit a detailed programme to the Engineer for approval, before work commences.

DESCRIPTION OF SITE AND ACCESS ROUTES

SITE LOCATION

- 6. The site, on which the work will be performed, will be at Swartwater Military Operational Base, Limpopo Province.
 - a. GPS Co-Ordinates: 22°50'47.61"S 28°12'34.90"E

b. Access roads. Access to site can be gained by a gravel road servicing the area and into the base. The site is accessible by low bed transport vehicles.

COMPULSORY SITE VISIT

- 7. The site visit is compulsory for all tenderers to ensure that all site conditions are allowed for in their tenders.
- 8. All uncertainties regarding site conditions shall be cleared with the Engineer and recorded, in writing, in an Addendum issued by the Engineer's representative, before the closing date of this tender.
- 9. No claims in regard to uncertainties shall be entertained once the Contract has been awarded.
- 10. In addition to the compulsory site visit, the site may be made available for further detailed evaluations and inspections by the tenderers by prior arrangement.
- 11. Such arrangements must be made at the compulsory site visit, should it be required by any of the tenderers.

AUTHORITIES

Local SANDF Commander

- a. The Contractor and his employees shall at all times be subject to jurisdiction of the Local SANDF Commander.
- b. Any instruction issued by the Local SANDF Commander shall be communicated to the contractor on site, and if this requires reprogramming of the works, the contractor shall notify the Engineer within 48 hours of receipt of these instructions.
- c. If the Contractor is of the opinion that such instructions will lead to cost or time implications he shall submit a claim in accordance with the Conditions of Contract for approval.
- d. Such a claim will not be considered if the delay is less than 10 days and unless it is submitted in writing within 48 hours of its occurrence.

SITE ACCOMMODATION

13. Contractor's site camp

- a. The Contractor shall make his own arrangements regarding accommodation and transport for his employees. On site accommodation is not guaranteed and may not be available.
- b. The Contractor will not be allowed to make use of the ablution facilities of the Employer and should therefore make arrangements for own facilities.
- c. The cost to maintain these services shall be deemed to be incl. in the tender amount under the Preliminary and General section of the BOQ.

14. Contractor's offices, stores, workshops and repair facilities

- a. On completion of the Contract all temporary buildings, fences etc. which may have been erected on the site and at the contractors offices shall be removed and the sites left in a clean and tidy condition.
- b. The Contractor shall, for the use of his workmen, erect on or in the vicinity of the site operations, OHS approved ablution facilities and latrines which shall at all times be kept in a clean condition.
- c. The Contractor shall take all precautions necessary to prevent the site from being polluted by the latrines and shall make his own arrangements for the removal of effluent.

HEALTH SERVICES AND SAFETY REQUIREMENTS

HEALTH SERVICES

15. The Contractor shall provide and maintain suitable first-aid facilities for the full duration of the Contract. The first-aid facilities shall be approved by the Engineer.

The cost of these precautionary measures shall also be deemed to be included in the tendered price.

SAFETY REQUIREMENTS

- 16. It is a requirement of this contract that the Contractor shall provide a safe working environment and to direct all his activities in such a manner that his employees and any other persons who may be directly affected by his activities are not exposed to hazards to their health and safety.
- 17. To this end the Contractor shall conform to all the stipulations of the Occupational Health and Safety Act (Act 85 of 1993) and the Regulations applicable to the Machinery and Occupational Safety Act (Act No 6 of 1983), which *inter alia* provides for the designation of a health and safety representative (or representatives) where an employer has more than 20 employees in his employ.

COMMUNICATION ON SITE DURING THE CONTRACT PERIOD

18. The Contractor shall establish and maintain a reliable communication system on site to support his own activities.

QUALITY CONTROL OF MATERIALS AND EQUIPMENT

19. All materials and equipment used on this Contract shall comply with the requirements of this specification and shall be subject to approval of the Engineer and the Employer.

SECURITY ON SITE

20. The Contractor shall at his own cost, supply, install and maintain all buildings, fences, security barriers etc, that would be required for safekeeping of his equipment material, vehicles and tools as well as to ensure public safety during all stages of this Contract.

SITE SUPERVISION

21. All work shall be supervised by a full-time, suitably qualified and authorised representative.

- 22. The representative shall be authorised to act on behalf of his principles regarding all activities relating to this Contract.
- 23. He shall personally attend all meetings, which may be called by the Engineer or the Employer.
- 24. The Contractor shall employ as many employees as may be required, and shall also be compelled to remove and replace any employee against whom the Engineer or the Employer justly raises objections, either as a result of negligence, carelessness, incompetence, improper behaviour or unsatisfactory work performed by or under the supervision of such an employee.
- 25. The cost of replacing employees shall be borne by the Contractor. No claims in this regard will be entertained.

SAFEGUARDING OF OTHER SERVICES AND STRUCTURES

- 26. The Contractor shall be fully responsible for the safeguarding of all existing services and structures whilst performing his duties.
- 27. The cost of all precautionary measures, which may be necessary to ensure the safety of such services and existing works as well as the protection of all persons, animals and property shall be included in the tendered price.
- 28. The Contactor shall be held responsible for any damage, injuries or accident caused as a result of his failure to take necessary precautionary measures.
- 29. Any damage to any service or existing works by the contractor, shall be repaired forthwith at the Contractor's expense to the satisfaction of the Engineer.
- 30. The Contractor shall protect the working area during the execution of this Contract and shall indemnify the Employer in respect of all claims arising out of injury, or death of any persons entitled to be on the premises or the site, or claims arising out of damage to property.

INITIAL ACCEPTANCE OF THE WORKS BY THE CONTRACTOR

- 31. In terms of the General Conditions of Contract, the Contractor shall investigate and report to the Engineer within 14 days of the commencement date, any exceptional defects to the Works, which had occurred during the period between submission of tenders, and the commencement date of the Contract.
- 32. This report shall be accompanied by a detailed and itemised quotation of the costs to restore the Works to the same state as during the tender period.
- 33. The report shall include a detailed programme of all work to be carried out.
- 34. Normal wear and tear or deterioration shall not be considered as exceptional defects and shall not be reported on.
- 35. During the tender period the Contractor shall assess and evaluate his risks with regards to normal wear and tear or deterioration, and shall allow for the costs thereof in his tender price, as no claims for payment in this regard will be considered.
- 36. The Employer will not guarantee the state of the works to be in the same state on the commencement date of this Contract as it was at the tender stage.

37. No guarantees or undertakings are offered by the Employer in this regard.

MEASUREMENT AND PAYMENT

- 38. Any certificates or invoices submitted to the Engineer for payment shall be complete, fully detailed and shall include proof of actual cost where payment will be valued on a proven cost basis.
- 39. The contractor must confirm that his rates tendered are fixed.
- 40. No escalation will be payable.

41. Scheduled Items

- a. The Schedule of Quantities does not reflect all detail of items as specified but are for identification and pricing purposes only.
- b. The work covered by each item is described in the Technical Specification, Particular Specification and Plans.

42. Preliminary and general fixed-cost items

- a. Unit of Measurement: Sum.
- b. The tendered sum shall include full compensation for the Contractor's establishment on site including offices, workshops, storage facilities, housing for his own employees (whether on site or elsewhere) and all services.
- c. The sum shall also include the provision of telephone, telephone answering machine, facsimile, e-mail and site radio communication facilities needed for the complete service.
- d. Eighty percent (80 %) of the bid sum (for P&G only) will be made when the facilities have been provided and the contractor has established on site.
- e. The remaining 20 % will be paid when the works have been completed and the facilities have been removed and the site have been cleared and cleaned.

43. Separately listed items

- a. Various items as scheduled (by Tenderer) Unit of Measurement: Sum
- b. Should there be any items which the Contractor considers necessary to be scheduled in addition to those already listed, he shall enter and detail such items in the Schedule of Quantities.
- c. The tendered sum or rate or monthly rate shall cover all the costs for that item which the Contractor wishes to add.

PART 1: TECHNICAL SPECIFICATIONS

SCOPE STANDARD SPECIFICATIONS VARIATIONS AND ADDITIONS TO STANDARD SPECIFICATIONS GENERAL TECHNICAL SPECIFICATIONS MEASUREMENTS AND RATES

SCOPE

- 1. The existing waste water treatment plant was designed for approximately 50 PE by EDT (Euro Drain Technologies). This system must be repaired and upgraded to accommodate 200 PE with a soak away.
- 2. The Rotating Immersion Disk (RID) or Rotating Biological Contactor (RBC) Disk sewer plant shall be a modular plant. The system must be so designed as to be re-deployable.
- 3. The system shall be above ground as far as possible and the treatment processing shall be so designed to comply with all current standards and directives.
- 4. The Rotating Immersion Disk or Rotating Biological Contactor (RBC) Disk sewer plant shall be fully automated and the premise is a system which consists of three stages:
 - a. Mechanical Seperation.
 - b. Biological purification.
 - c. Final Settlement
- 5. The system shall accommodate 200 personnel, and be a quite odour free operation.
- 6. The Technical specifications in this document serves as a guideline and may differ slightly between different suppliers and manufacturers.

STANDARD SPECIFICATIONS

- 7. The latest edition, including all amendments up to date of tender, of the following specifications, publications and codes of practice shall be read in conjunction with this specification and shall be deemed to form part thereof.
 - a. SANS SPECIFICATIONS AND CODES
 - b. NATIONAL ENVIRONMENTAL MANAGEMENT ACT (NEMA), No 107 of 1998
 - NATIONAL WATER ACT (NWA) No 36 of 1998
 - d. WATER SERVICES ACT No 108 of 1997
 - e. ENVIRONMENT CONSERVATION ACT (ECA), No 73 OF 1989
 - f. OCCUPATIONAL HEALTH AND SAFETY ACT No 85 of 1993

MANUFACTURERS' SPECIFICATIONS, CODES OF PRACTICE AND INSTALLATION INSTRUCTIONS

8. All equipment and materials shall be manufactured or assembled strictly in accordance with the manufacturers' specifications, instructions and codes of practice.

VARIATIONS AND ADDITIONS TO STANDARD SPECIFICATIONS

- 9. The following additional general specifications and requirements shall be read in conjunction with this specification and shall be adhered to unless otherwise specified.
 - a. General Requirements
 - i. All materials and equipment supplied and installed shall be new unless otherwise specified by the engineer, high quality and designed and manufactured to the relevant specifications and suitable for providing a reliable end product.
 - ii. All work shall be executed by qualified trained personnel.
 - iii. All equipment, component parts, fittings and materials supplied and/or installed, shall conform in respect of quality, to the requirements of the applicable current SANS specifications and codes, except where otherwise specified or approved by the Engineer in writing.
 - iv. All materials and workmanship which, in the opinion of the Engineer, are inferior to that specified for the work will be condemned. All condemned material and workmanship shall be replaced or rectified as directed and approved by the Engineer.
 - v. The Contractor shall submit a detailed list of the equipment and material to be used to the Engineer for approval before placing orders or commencing installation.
 - vi. The Contractor shall make sure that all safety regulations and measures are applied and enforced during the manufacturing to ensure the safety of the public and the User Client.

GENERAL TECHNICAL SPECIFICATIONS

10. The following general technical specifications are applicable. For specific detail, reference is made to the attached plans which must be read in conjunction with the Technical and Particular Specifications.

NEW RBC / RID SEWER PLANT

- 11. The complete plant shall consist of, but not limited to the following:
 - a. Grease Trap. To be installed at kitchen/mess.
 - b. Tank with Double pumping system. Grundfos type SEG.40.09.2.50B, one pump operating and other on standby, including flexible pipe and connection.
 - c. Double pumping system, brand Grundfos, type AP.35B.50.06.3, one pump working, one standby including flexible pipe and connection

- d. 3 Tank (Chamber 1,2 and 3)
- e. FD.(Flow Divider) Brand S&P or similar approved Type 2/1/1
- f. Cascade RIDs (Rotating Immersion Discs), type STK-E-2.000-1.068/2 with motor and supplement disc Ø2m, PP tanks 2/2 m discs (77/93), disc spacing 18-15 mm incl. roofing (detail elsewhere) for subsoil unit, GRP supports with Aluminium cover tank for subsoil unit, support structure.
- g. Scoop Wheel brand S&P or similar approved, diameter 2,0 m
- h. FD (Flow Divider) for reticulation S&P Type 1/2
- i. LMS (Lamella separator S7P or similar approved type LMS-7/1 imcl. sludge removal pump Grundfos AP35.40.06.3.
- j. Flow Meter for Chlorine dosing system. brand ABB, type Processmaster FEP311 DN65 or similar approved.
- k. Chlorine Dosing System Reaction Tank Prominent or similar approved 60Liter black tank, beta pump, standard valve and suction set.
- I. Special switch and control panel, indoor version incl. 2 double pumping system, 1 motor, 1 sludge pump, flow meter and dosing pump Rittal control box incl. motor/pump protection, motor soft starter, hour meter, lights, plugs and material and equipment required to supply and commission
- m. All Installation parts (pipes, valves, package, documentation) installation material from double pumping system to outlet Lamella separator to ensure a fully operational system.

REPAIR UPGRADE AND CONNECT OLD EXISTING PLANT

- 12. Design supply installation and commissioning on site is deemed to be included in the cost in the schedule of quantities. The following general technical specifications are applicable. For specific detail, reference is made to the attached plans which must be read in conjunction with the Technical and Particular Specifications. The bidder must inspect the existing plant to determine any other material, fittings or components required to commission and connect the unit.
 - a. Basic Control Panel, indoor installation incl. motor and sludge pump. Rittal or similar approved control box incl. motor pump protection, motor soft starter, hour meter lights and plugs and related equipment.
 - b. All Installation parts (pipes, valves, package, documentation) installation material from double pumping system to outlet Lamella separator to ensure a fully operational system.
 - c. Installation parts, incl. all pipes, fittings, valves from chamber pit to LMS.
 - d. Four Gas Struts for roof.
 - e. Installation parts pipes, valves and fittings to ensure proper installation and commissioning.

SOAKAWAY SYSTEM

- 13. The contractor shall construct a soak away system as per Drawing No 002 at position as indicated on site by the Engr.
 - a. All labour, plant and material required to construct the soakaway is deemed to be included in the cost in the Schedule of Quantities.
 - b. Effluent into the soakaway system shall comply to the Dept of Water Affairs regulations and standards and shall be monitored as part of the monthly maintenance contract (elsewhere described).

EXTERNAL WORKS

14. Site Clearance

- a. Clear site of all vegetation to ensure a level surface.
- b. The extent of site clearing shall be the actual area of the position of the unit plus 5 meter strip around the unit and soakaway system.

15. Removal of existing overhead canopy

- a. Remove existing steel canopy and set aside on site as indicated by the engineer.
- b. Care should be taken not to damage the recovered material.

16. Supply and erect new overhead canopy

- Supply and erect overhead roof canopy, manufactured from steel lipped channel sections for the roof members and 75mm x 2mm square tubing posts in concrete footings.
- b. The roof covering shall be galvanized 0.5 Full Hard IBR roof sheeting unpainted, fixed to lipped channel purlins.
- c. The canopy shall be so constructed as to cover the entire plant and extend the plant by 2 meters meters on all sides.
- d. All metal (except galvanised roof) shall be painted with two coats etch primer and two coats enamel paint (colour white).

17. Remove existing Chain link fence

- a. Remove existing chain link fence (approx. 34m) incl. poles and set aside.
- b. Post shell be either completely removed or cut 300mm below ground level.

18. Supply and erect palisade fence and gate

Palisade panel size shall be 3000mm wide x 1800mm high with 30mm x 30mm pales, hot rolled and spaced with 100mm gap between pales (20 pales per panel).

- b. Two horizontal angles size 40mm x 40mm x 2mm as cross members.
- Spike type shall be devils fork plus four.
- d. All panels shall be welded to 2400mm high x76mm x76mm x1.6mm square tupe posts with cap and base plate. Poles to be planted at a depth of 400mm.
- e. Pre-manufactured Sliding Gate to be 6000mm wide constructed of a 100mm x 50mm x 1.6mm frame and with 30mm x 30mm x 1.6mm angle iron uprights. The gate shall be fitted with two 80mm wheels and guide rollers. The gate track shall be fixed in concrete.
- f. All metal work (palisades and gates shall be painted with two coats red oxide etch primer and two coats water based roof paint colour: Heritage Green.
- g. The fence should extend 5 meters on all sides of the plant to allow access and work space for future maintenance. The contractor to determine the length based on the footprint of the specific sewer plant to be supplied.

19. Concrete Slabs

- a. All tanks and units shall be placed on 15Mpa concrete slabs, minimum 100mm thick, reinforced with mesh reinforcing Ref 145.
- b. All slabs shall extend beyond the limit of the tanks and units by 1 meter on all sides. Edges of all slabs shall be finished off neatly with a nosing tool and slabs shall be steel floated.

SEWER DRAINAGE

20. Grease trap

- a. Supply and install grease trap commercial type separator as supplied by Grease Traps South Africa Type GTS 7I/S or similar approved, at mess and make good.
- b. Seperator to be manufactured from 304/316 A Grade stainless steel 1.2mm thick with Plastic lid and removable collection Basket or similar approved by engineer.
- c. Flow rate of 7 litres be suitable to accommodate the effluent of the mess at peak capacity of 200 personnel.

WATER RETICULATION

21. Freshwater Tap

- Supply and connect 20mm Rough Brass tap next to sewer plant as indicated by the engineer.
- b. Water supply from nearest connection shall be 25mm HDPE Class 12 water pipe connected to a properly secured 3/4" galvanized standpipe. The approximate distance is 50m to connection point but the bidder to verify during site meeting.
- c. The freshwater supply shall further also include a 20 mm x 30 meter Garden Hose, heavy duty with Gardena or similar approved hose fittings on both ends of hose as well as tap connector to suit and adjustable spray nozzle.

ELECTRICITY

22. Electrical Lighting

- a. Supply and connect 2 LED 5Ft T8 double tube open light fittings, incl T8 LED Tubes, fittings, conduit, switches circuit breakers and wiring.
- b. All wiring shall be in approved conduit.
- c. Switch shall be weatherproof outdoor switch Masterplug single switch or similar with an IP 55 rating.
- d. Supply and fit 16 Amp Daynight sensor Matalec or similar approved.

MAINTENANCE

- 23. Maintenance to the system shall include but not limited to the following.
 - a. The contractor shall maintain the sewer plant and components, tanks pumps and all parts in order to comply with the effluent parameters as specified in the Part 2 Particular Specification.
 - b. Check service and maintenance of all electrical components, moving parts, grease bearings, service struts, gearbox and discs.
 - c. Collect sample of effluent and conduct tests by an approved and authorised laboratory and submit results to the Engineer on a monthly basis. Any deviation outside the parameters as per Part 2 Particular specification must be rectified with immediate effect within 24 Hours. A second test must be done after rectification which will be for the account of the contractor.
 - d. The contractor shall keep a register of all maintenance and services as well as all test conducted with results and submit to the Engineer for approval in order to effect maintenance payments.
 - e. Any failure of the plant which results in the deviation of the effluent parameters or results in spillage of sewage is considered an emergency repair and must be rectified within 48 hours.

GUARANTEE OF INSTALLATION, EQUIPMENT AND WORKMANSHIP

- 24. The Contractor shall provide and obtain guarantees warranties from the manufacturer(s) and/or supplier(s) of equipment and fittings to the effect that each piece of new equipment, supplied and installed in the system, shall comply with the required performance and will function as part of the complete system.
- 25. The equipment including the shaft shall be covered under guarantee commencing on the date of issue of a Certificate of Completion for the works.as follows:
 - a. Rotating Immersion Discs (including shaft): 3 years
 - b. Lamella Separator: 3 Years

- c. Pumps, motors, bearings and electrical control cabinets:1 Year
- d. Equipment and components by third parties the warranties by the respective manufacturers should be completely transferred to the customer (Dept of Defence).
- e. The contractor must guarantee against defects in design, material and workmanship.

TESTS AND INSPECTIONS PRIOR TO PRACTICAL COMPLETION

- 26. All systems are to be re-checked by the contractor prior to commissioning. Copies of all checks for each installation shall be presented to the Engineer for approval before commissioning takes place.
- 27. It is the responsibility of the Contractor to provide all labour, accessories and properly calibrated and certified measuring instruments necessary to supply a certificate of compliance for each unit.
- 28. The contractor must give 1 (one) weeks' notice to the Engineer prior to testing.

TESTS AND INSPECTIONS ON COMPLETION OF REPAIR WORK

- 29. On completion of repair work the Contractor shall prior to commissioning test the unit and equipment.
- 30. Except where otherwise provided in the Contract, the Contractor shall provide labour, materials, power, fuel, accessories and properly calibrated and certified instruments necessary for carrying out such tests. Arrangements for these tests shall be made by the Contractor and he shall give at least 72 hours written notice to the Engineer before commencing the test.
- 31. In the event of the plant or installation not passing the test, the Employer shall be at liberty to deduct from the Contract amount all reasonable expenses incurred by the Employer or the Engineer attending the repeated test.
- 32. Whenever any installation or requipment is to be operated for testing or adjusting as provided for above, the Contractor shall operate the entire system for as long a period as may be required to prove satisfactory performance at all times in the occupies space served by that system for up to twenty-four hours a day continuously until the certificate of practical completion of repair work is handed over.
- 33. The Contractor shall provide all labour and supervision required for such operation and the DoD may assign staff as observers, but such observation time shall not be counted as instruction time.
- 34. After complete installation of the system all equipment shall be tested, adjusted and readjusted until it operates to the satisfaction and approval of the Engineer.
- 35. The Contractor shall submit certificates of tests carried out to prove the performance of all equipment, as well as certificates obtained from all the relevant authorities and statutory bodies, etc.
- 36. The Contractor shall only utilise Departmental approved inspection authorities for all inspections and tests to be conducted. This will be done and approved in writing among the relevant parties.

MEASUREMENT AND PAYMENT

GENERAL INCLUSION OF COSTS IN THE TENDERED RATES

- 37. The cost of manufacturing, supply, transport to the site, placing, erection, levelling and commissioning of all equipment and components is deemed to be included in the tendered rate.
- 38. The tendered rate shall further include full compensation for the provision of all equipment, plant labour and fittings required to erect and test and flush the unit in terms of this specification. This includes all interfaces, subsoil connections, electrical connections fittings and components.
- 39. Any site clearing and sludge removal is deemed to be included under site clearance in the Schedule of Quantities.

CONDITION OF ASSESSMENT

- 40. The characteristics and the quantity quality of the waste water is deemed to be in accordance with the assumed figures and it is on the premise that the wastewater does not contain toxic or inhibiting substances, which are shown in the design calculation Part 2 Particular Specification (Table 01).
- 41. Standard sanitary conditions of inlet wastewater are assumed unless otherwise specified.

PART 2: PARTICULAR SPECIFICATIONS

SCOPE
GENERAL DESCRIPTION
TECHNICAL DETAILS
SPECIFIC REQUIREMENTS
TECHNICAL DRAWINGS

SCOPE

- 1. This specification covers the particulars of the upgrade, renovation of existing plant and construction/erection and connection of a new waste water treatment plant to accommodate 200PE.
- 2. The Particular Specification shall be read in conjunction with the Technical Specifications Part 1 and all additional and Technical specifications and drawings compiled as part of this document.

GENERAL DESCRIPTION

3. Modular Rotating Biological Contactor sewer plant inclusive of a soak away, concrete slabs fencing and overhead canopy, water supply point and electrical work.

FIGURE 01

Flow Diagram

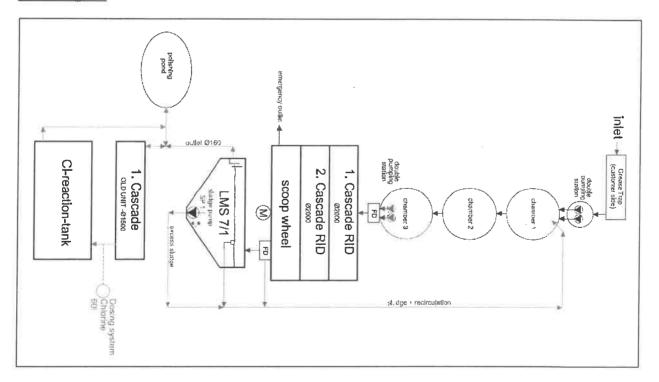


FIGURE 02

General design layout of new unit

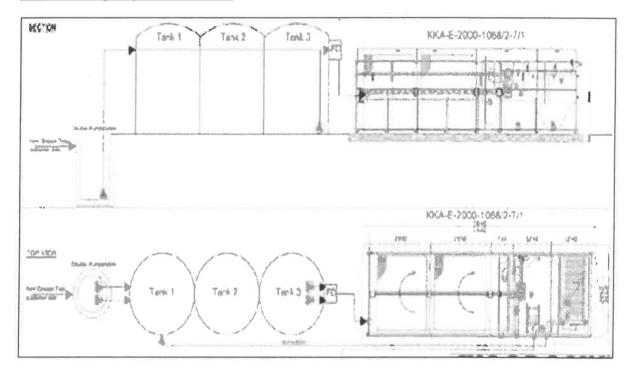
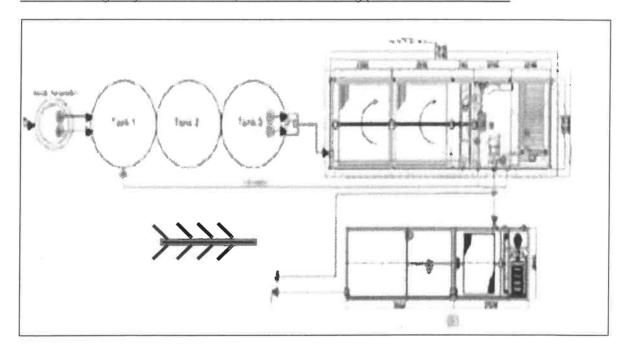


FIGURE 03

General design layout of new unit, linked with existing plant and French drain



TECHNICAL DETAILS

TABLE 01

INLET AND OUTLET VALUES

Inlet values		7 30	
Population Equivalent	200 PE		BOH 1998
Water consumption	150 l/PExday		
Flow	30,00 m³/d		
Effluent time	12 h		
Flow per hour	2,5 m³/h		
Peak flow per hour	5,0 m³/h	To Page 1	Part 1999
Wastewater Characteristics	国际的国际的国际国际国际		
BOD₅	400 g/m³		
BOD₅ load	12.000 g/d		
COD	800 g/m³		
Oil, Grease & Fat	8-30 g/m³		J
Total suspended solids (TSS)	467 g/m³		î
Water temperature	30 °C 6-8,5		
pH Required Effluent Quality	0-0,5	8-16-165	(Visit
		In the state of	EBRIT
BOD₅ COD	< 25 mg/l < 125 mg/l		
COD	< 125 mg/l		
Total suspended solids (TSS)	< 30 mg/l		
Calculation buffer volume for ed	qual daily flow		
Buffer volume	$30m^3/d \times 0,3 =$	9,00	m³
Sedimentation volume			
Working time System S&P		16	h
Hourly flow System S&P		1,88 r	m³/h
Sedimentation time	2h x (1+RV), RV=1 by 100% Recirculation	4	h
Sedimentation volume	1,88m³/h x 4h =	7,52	m³
Sludge volume			W 121
Digestion time		60	d
	45 g DS/PE*d x 200PE x 60d / 1000 g/kg / 45		
Primary sludge	kg/m3 = 30 g DS/PE*d x 200PE x 60d / 1000 g/kg / 45	12,00	m³
Secondary sludge	kg/m3 =	8,00	m³
Storage volume for wet sludge		20,00	m³
Total volume			
Total volume	$9m^3 + 7,52m^3 + 20m^3 =$	36,52	m³

SPECIFIC REQUIREMENTS

TABLE 02

EFFLUENT PARAMETERS / DISCHARGE QUALITY

Variables and Substances	Existing SA General Standards	Existing SA Special Standards
Chemical oxygen demand	75mg/l	30mg/l
Colour, odour or taste	No substance capable of producing the variable listed	
Ionized and unionized ammonia(free saline ammonia) (as N)	3.0 mg/l	2.0mg/l
Nitrate (as N)	15mg/l	1.5 mg/l
рН	Between 5.5 and 9.5	Between 5.5 and 7.5
Phenol index	0.1mg/l	
Residual chlorine (as CI)	0.25mg/l	0
Suspended solids	25mg/l	10mg/l
Phosphorus (Ortho phosphate) (as P)	10mg/l	1mg/l
Total aluminium (as Al)	-	-
Total cyanide (as Cn)	0.02mg/l	0.01mg/l
Total arsenic (as As)	0.02mg/l	0.01mg/l
Total Boron (as B)	1.0mg/l	0.5mg/l
Total Cadmium (as Cd)	0.005mg/l	0.001mg/l
Total Chromium iii (as Cr iii)	-	-
Total Chromium iv (as Cr iv)	0.05mg/l	0.02mg/l
Total Copper (as Cu)	0.01mg/l	0.002mg/l
Total Iron (as Fe)	0.3mg/l	0.3mg/l
Total Lead (as Pb)	0.01mg/l	0.006mg/l
Total Mercury (as Hg)	0.005mg/l	0.001mg/l
Total Selenuim (as Se)	0.02mg/l	0.02mg/l
Total Zinc (as Zn)	0.1mg/l	0.04mg/l
Faecal coliforms per 100ml	1000	0

TECHNICAL DRAWINGS

4. Drawing 01. French Drain Soak Away attached.

SCHEDULE NO 1 PRELIMINARY AND GENERAL ITEMS

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT	
Proj Spec		A: PRELIMINARY AND GENERAL					
14.2	1.00	Scheduled fixed-charge and value-related items					
		01 Fixed preliminary and general charges	Sum	1			
		02 Skills TransferTraining	Sum	1			
7.1&7.2	2.00	Occupational Health and Safety					
		01 Compliance with OHS Act and Construction Regulations 2003	Sum	1			
	3.00	Documentation					
		01 Supply 3 sets of Operating Manuals and	No	3			
					1		
	TOTAL	SCHEDULE 1 CARRIED TO SUMMARY PAGE					

SCHEDULE NO 2 SEWER PLANT AND EXTERNAL WORKS

PAYMENT REFERS TO	ITEM NO		DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
Part 1 Tech Specs	1.00	Manufa and co sewer	WER PLANT acture,Supply,Transnsport and erect mmision new pre-manufactured plant as prescribed in the Technical ular Specifications and plans.	no			
Part 2 Particular		01 Ro	taing Immersion Disc/ RBC plant	по	1		
Specs		02 Repair , upgrade and connect existing plant. C: EXTERNAL WORKS		no	1		
Part 1 Tech Specs		prescri	, Transport and erect the following as bed in Technical and Particular cations.				
Par 14		01	Site Clearance	sum	1		
Par 15		02	Removal of existing overhead canopy.	sum	1		
Par 16		03	Supply and erect new overhead steel canopy with IBR roof sheets.	sum	1		
Par 17		04	Remove existing chain link fence and poles.	sum	1		
Par 18		05	Supply and erect 1.8m Palisade fence incl gate with locking mechanism	sum	1		
Par 19		06	Concrete slab 15 mpa to suit new sewer plant	sum	1		
Par 19		07	Concrete platform to suit buffer tanks	sum	1		
1	TOTAL S	CHEDU	LE 2 : CARRIED TO SUMMARY PAGE				

SCHEDULE NO 3 SEWERAGE AND DRAINAGE

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
Part 1 Tech Specs		D: SEWERAGE AND DRAINAGE Supply and deliver and construct / connect.				
Opecs	1.00	French Drain				
Par 13		0.1 French drain soakaway system icl all sewer pipes, fittings and construction material as per drawings attached	sum	1		
	2.00	Grease Trap				
Par 20		0.1 Supply and connect grease trap icl all waste pipes and fittings and and make good				
		good	no	1		
	TOTAL S	SCHEDULE 3 : CARRIED TO SUMMARY PAGE				

SCHEDULE NO 4 WATER RETICULATION

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	Unit	QUAN- TITY	RATE	AMOUNT
Par 1 Tech Specs	1.00	E: WATER RETICULATION Supply and connect water (feshwater supply).				
Par 21	1.00	0.1 Provide a fresh water point (tap) at the sewer plant complete with tap, standpipe, water supply pipe	No	1		
Par 21c		Supply 20mm x 30m heavy duty hose pipe with gardena fittings	No	1		
	TOTAL	SCHEDULE 4 : CARRIED TO SUMMARY PAGE				

SCHEDULE NO 5 ELECTRICAL SUPPLY

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
Part 1 Tech Specs		F: ELECTRICAL Supply and commission electrical lighting.				
	1.00	Lights				
Par 22		01 Double tube fluerecant light fittings 1.5m incl fittings, tubes, wiring, conduit, fittings and switches.	no.	2		
	2.00	Daynight sensor				
Par 22d		01 Supply and fit day night sensor incl all wiring and fittings.	No	1		
1	TOTAL SCHEDULE 5 : CARRIED TO SUMMARY PAGE					

SCHEDULE NO 6 MAINTENANCE

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
Part 1 Tech	1.00	G: MAINTENANCE Service and maintenance on a monthly				
Specs		basis for a period of 36 months.				
Par 23		01 Monthly maintenance	month	36		
Part 2 Part Specs		02 Emergency Call out incl traveling	Day	10		Rate Only
1	TOTAL S	CHEDULE 6 : CARRIED TO SUMMARY PAGE				

SCHEDULE NO 7 ADDITIONAL REQUIREMENTS

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUAN- TITY	RATE	AMOUNT
	1.01	H: ITEMS NOT COVERED BY OTHER SERVICES				
		GENERAL				
	1.02	Allow for the costs of service not covered by any other item but which the contractor considders necesary to for complying with the requirements of the specifications and which he is of opinion should be paid seperately.				
		01				
		02 03				
		04				
		05				
Т	TOTAL SCHEDULE 7 : CARRIED TO SUMMARY PAGE					

DEPARTMENT OF DEFENCE

SEWER PLANT SWART WATER MILITARY BASE: TACTICAL HQ LIMPOPO

SUMMARY OF SCHEDULE OF QUANTITIES PRELIMINARY AND GENERAL ITEMS SCHEDULE NO 1: R SCHEDULE NO 2: SEWER PLANT AND EXTERNAL WORKS R R SCHEDULE NO 3: SEWER AND DRAINAGE R SCHEDULE NO 4: WATER RETICULATION R _____ SCHEDULE NO 5 **ELECTRICAL** SCHEDULE NO 6 MAINTENANCE R _____ SCHEDULE NO 7 ADDITIONAL REQUIREMENTS R _____ R SUBTOTAL VALUE-ADDED TAX (VAT) 0.15 R The tenderer shall add 15% of the subtotal for value-added tax R TENDER SUM CARRIED TO FORM OF TENDER SIGNED ON BEHALF OF TENDERER: