

VOLUME 3 OF 3

THE CONTRACT

NEC 3 Engineering and Construction Contract Option A: Priced Contract with Activity Schedule of April 2013 (including amendments).

TENDER NO. RFP248/2021

Appointment of a Turnkey Contractor for the design, construction furnishing and equipping of 2 Technical Workshops and 1 EGD Classrooms at Boaramelo School on behalf of the Free State Department of Education



The Development Bank of Southern Africa has a Zero Tolerance on Fraud and Corruption.
Report any incidents of Fraud and Corruption to Whistle Blowers on any of the following:

TollFree : 0800 20 49 33
Email : dbsa@whistleblowing.co.za
Free Post : Free Post KZN 665 | Musgrave | 4062
SMS : 33490

TABLE OF CONTENTS

Notes:

The Tender Document must be submitted as a whole. All forms must be properly completed as required and the document shall not be taken apart or altered in any way whatsoever.

All forms must be duly completed in **black ink** as required.

The list of returnable documents, which consists of forms and schedules to be completed and company specific certificates and information pages to be attached, comprise the following:

Document Reference	Title	Page
C1:	AGREEMENT AND CONTRACT DATA	4
C1.1	FORM OF OFFER AND ACCEPTANCE	5
C1.2	CONTRACT DATA	9
	PART ONE – DATA PROVIDED BY THE EMPLOYER	10
	PART TWO – DATA PROVIDED BY CONTRACTOR	33
C1.3 :	PERFORMANCE GUARANTEE	35
C2 :	PRICING DATA	39
C2.1 :	PRICING ASSUMPTIONS – OPTION A	40
C2.2 :	PRICING INSTRUCTIONS	42
C2.3 :	ACTIVITY SCHEDULE	43
C2.4 :	AMENDMENTS, QUALIFICATIONS & ALTERNATIVES	49
C3 :	SCOPE OF WORK	50
C3.1 :	EMPLOYERS WORKS INFORMATION	51
C3.2 :	CONTRACTORS WORKS INFORMATION	54
C3.3 :	PARTICULAR SPECIFICATIONS	65
C3.4 :	DRAWINGS	66
C4 :	SITE INFORMATION	67
C4.1 :	INFORMATION & MAP	68

THE CONTRACT

- C1 : AGREEMENT AND CONTRACT DATA**
- C2 : PRICING DATA**
- C3 : SCOPE OF WORK**
- C4 : SITE INFORMATION**

PART 1: AGREEMENT AND CONTRACT DATA

Design, Construction and Commissioning of Contract for 2 Technical Workshops and 1 EGD Classrooms at Boaramelo School on behalf of the Free State Department of Education according to the NEC 3 Engineering and Construction Contract Option A: Priced Contract with Activity Schedule of April 2013 (including amendments).

Document reference	Title	No of pages
C1.1	Form of Offer and Acceptance	4
C1.2	Contract Data	1
	Part One – Data provided by the <i>Employer</i>	22
	Part Two – Data provided by the <i>Contractor</i>	2
C1.3	Performance Guarantee	4
	Total number of pages	33

C1.1 FORM OF OFFER AND ACCEPTANCE

C1.1.1 Offer

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of: **TENDER No: RFP 248/2021: Appointment of a Turnkey Contractor for the design, construction furnishing and equipping of 2 Technical Workshops and 1 EGD Classrooms at Boaramelo School on behalf of the Free State Department of Education**

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the service provider under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The offered total of the Prices exclusive of VAT is	R
Value Added Tax @ 15% is	R
The offered total of the amount due inclusive of VAT is ¹	R
(in words)	

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the Tender Data or issue a conditional Letter of Acceptance subject to certain conditions which must be fulfilled prior to final acceptance and signing of the acceptance part of this form, whereupon the tenderer becomes or may become the party named as the *Contractor* in the *Conditions of Contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

For the tenderer:

Name of Tenderer

Address of Tenderer

Name of witness

Signature of witness Date

C1.1 FORM OF OFFER AND ACCEPTANCE (Continued)

C1.1.2 Acceptance

By signing this part of this form of offer and acceptance, the Employer identified below accepts the tenderer's offer. In consideration thereof, the Employer shall pay the service provider the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1: Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
- Part C2: Pricing data
- Part C3: Scope of work.
- Part C4: Site information

and the schedules, forms, drawing and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorized representatives of both parties.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), or the date specified in the conditional Letter of Acceptance, whichever date is the earliest, contact the Employer's representative (whose details are given in the contract data or Letter of Acceptance) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data or Letter of Acceptance. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement and the Employer may in its sole discretion accept such repudiation and either appoint one of the other tenderers or cancel the tender and re-issue it.

Notwithstanding anything contained herein, this Agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Tenderer (now Contractor) within five days of the date of such receipt or the conditional Letter of Acceptance notified the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

Signature(s)

Name(s)

Capacity

**for the
Employer**

Development Bank of Southern Africa Limited
1258 Lever Road, Headway Hill, Midrand, Gauteng Province

Name of witness

Signature of witness Date

Schedule of Deviations

The extent of deviations from the Tender documents issued by the Employer prior to the Tender closing date is limited to those permitted in terms of the Tender Data and the Conditions of Tender.

A Tenderer's covering letter will not necessarily be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid becomes the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.

(Any cover letter must be referenced here if applicable, or it will not be valid as part of this submission).

Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the Tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.

Any change or addition to the Tender documents arising from the above agreements and recorded here shall also be incorporated into the final Contract.

1 Subject

Details

.....

.....

2 Subject

Details

.....

.....

3 Subject

Details

.....

.....

4 Subject

Details

.....

.....

5 Subject

Details

.....

.....

By the duly authorized representatives signing this Schedule of Deviations, the Employer and the Tenderer agree to and accept the foregoing Schedule of Deviations as the only deviations from the amendments to the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the Tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this Agreement.

For the Tenderer:

Signature(s)

Name(s)

Capacity

Name of Tenderer

Address of Tenderer

.....

Name of witness

Signature of witness Date

For the Employer:

Signature(s)

Name(s)

Capacity

Name of Employer: **Development Bank of Southern Africa Limited**

Address of Employer 1258 Lever Road, Headway Hill, Midrand, Gauteng Province

Name of witness

Signature of witness Date

C1.2 CONTRACT DATA

Document reference	Title	No of pages
C1.2	Contract Data	
	Part One – Data provided by the <i>Employer</i>	22
	Part Two – Data provided by the <i>Contractor</i>	2
C1.3	Performance Guarantee	4
	Total number of pages	28

Part One - Data provided by the *Employer*

[Instructions to the contract compiler: (delete these two notes in the final draft of a contract)]

1. Please read the relevant clauses in the conditions of contract before you enter data. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data.
2. Whenever a cell is shaded in the left hand column it denotes this data is optional and would be required in relation to the option selected. In the event that the option is not required select and delete the whole row. Where the following symbol is used "[●]" - data is required to be inserted relevant to the specific option selected.

Completion of the data in full, according to the Options chosen, is essential to create a complete contract.

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option	
		A: Priced contract with activity schedule
	dispute resolution Option	
		W1: Dispute resolution procedure
		X2: Changes in the law
		X7: Delay damages
		X13: Performance Bond
		X16: Retention
		X18: Limitation of liability

		Z: Additional conditions of contract
	of the NEC3 Engineering and Construction Contract, April 2013 (ECC3)	
10.1	The Employer is:	the Development Bank of Southern Africa Limited, acting through its Infrastructure Delivery Division (the "IDD"), a juristic person reconstituted and incorporated in terms of section 2 of the Development Bank of Southern Africa Act No 13 of 1997 (the "DBSA");
	Address:	Registered office at 1258 Lever Road Headway Hill, Midrand Johannesburg
	Represented by:	To be indicated at contracting
	Tel No.	To be indicated at contracting
	Fax No.	To be indicated at contracting
10.1	The Project Manager is:	Mamohau Nkosi
	Address:	Registered office at 1258 Lever Road Headway Hill, Midrand Johannesburg
	Tel No.	To be indicated at contracting
	e-mail:	To be indicated at contracting
10.1	The Supervisor is:	To be indicated at contracting
	Address:	Registered office at 1258 Lever Road Headway Hill, Midrand Johannesburg
	Tel No.	To be indicated at contracting
	Fax No.	To be indicated at contracting
	e-mail:	To be indicated at contracting
11.2(13)	The works is	the design, construction furnishing and equipping of 2 Technical Workshops and 1 EGD

		Classrooms at Boaramelo School on behalf of the Free State Department of Education							
11.2(14)	The following matters will be included in the Risk Register	- Compliance with tender requirements - Personnel Clearance and Authorised Access to Site							
11.2(15)	The <i>boundaries of the site</i> are	Boaramelo Secondary School, 1047 Jim Fouche Street, Lephoi, Jagersfontein, 9992							
11.2(16)	The Site Information is in	Part 4: Site Information							
11.2(19)	The Works Information is in	Part 3: Works Information.							
12.2	The <i>law of the contract</i> is the law of	The Republic of South Africa							
13.1	The <i>language of this contract</i> is	English							
13.3	The <i>period for reply</i> is	2 Weeks							
2	The <i>Contractor's</i> main responsibilities	To design, construction furnishing and equipping of 2 Technical Workshops and 1 EGD Classrooms at Boaramelo School on behalf of the Free State Department of Education. Further details of the contractor's responsibilities are contained in the works information.							
3	Time								
11.2(3)	The <i>completion date</i> for the whole of the <i>works</i> is	TBC (including close-out period of 3 months).							
30.1	The <i>access dates</i> are	<table><tr><th>Part of the site</th><th>Date</th></tr><tr><td>[•]TBC</td><td></td></tr><tr><td>[•]</td><td></td></tr></table>		Part of the site	Date	[•]TBC		[•]	
Part of the site	Date								
[•]TBC									
[•]									
30.3	The <i>key dates and conditions</i> to be met are	<i>condition</i> to be met	<i>key date</i>						
		[•]Site establishment	[•]TBC						
		[•]Completion	[•]TBC						
31.1	The <i>Contractor</i> is to submit a first programme for acceptance within								

		[•] 1 week of the Contract Date.
31.2	The <i>starting date</i> is	[•] Site Handover Date
32.2	The <i>Contractor</i> submits revised programmes at intervals no longer than	2 Weeks
35.1	The <i>Employer</i> is not willing to take over the <i>works</i> before the Completion Date.	Confirmed
4	Testing and Defects	
42.2	The <i>defects date</i> is	12 months after [Completion of the whole of the <i>works</i> /Sectional Completion per section of the <i>works</i>]
43.2	The <i>defect correction period</i> is	5 days
5	Payment	
50.1	The <i>assessment interval</i> is	20th of each month
51.1	The <i>currency of this contract</i> is the	South African Rand
51.4	The <i>interest rate</i> is	the prime interest rate of the Standard Bank of South Africa Limited as amended from time to time
6	Compensation events	
60.1(13)	The place where weather is to be recorded is	Bloemfontein
	The <i>weather measurements</i> to be recorded for each calendar month are:	<ul style="list-style-type: none"> the cumulative rainfall (mm); the number of days with rainfall of more than 10mm; the number of days with minimum air temperature less than 0 degrees Celsius; the number of days with snow lying at +2 hours GMT; and these measurements: hourly wind direction and windspeed
	The <i>weather measurements</i> are supplied by	Contractor and verified with closest weather station to site.

	The weather data are the records of the past <i>weather measurements</i> for each calendar month which were recorded at	Bloemfontein
60.1(13)	Where no recorded data are available:- assumed values for the ten year return <i>weather data</i> for each <i>weather measurement</i> for each calendar month are:	As obtained by the contractor from the South African Weather Services verifiable records.
8	Risks and insurance	
80.1	These are additional <i>Employer's</i> risks	N/A
84.1	The <i>Contractor</i> provides these additional insurances: guide: lateral support if applicable, professional indemnity if contractor does design, SASRIA or any other insurance identified but not in table at cl 84.2.	<ol style="list-style-type: none"> 1. The supplementary insurance is required. Such insurance shall comprise a Coupon Policy for Special Risks issued by the South African Special Risk Insurance Association. (SASRIA). 2. Public liability insurance to be effected by the contractor for the sum of R10 000 000.00 (Ten Million Rand) per event with a deductible in an amount that the contractor deems appropriate. 3. Professional Indemnity for the sum of R 10 000 000.00 (Ten Million Rand) per claim in respect of Contractors design liability.
84.1	The <i>Employer</i> provides these insurances from the Insurance Table:	None
84.1	The <i>Employer</i> provides these additional insurances:	Nil
84.2	If the <i>Employer</i> is to provide Plant and Materials:- the insurance against loss of or damage to the <i>works</i> , Plant and Materials is to include cover for Plant and Materials provided by the Employer for an amount of	N/A
84.2	The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract for any one event is	as prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common law liability for people falling outside the scope of the Act with a limit of Indemnity

		of not less than ZAR500 000 (Five hundred thousand Rands).
DATA FOR MAIN OPTION CLAUSES		
Option A	Option A: Priced Contract with <i>activity schedule</i>	There is no reference to Contract Data in this Option A and terms in italics are identified elsewhere in this Contract Data.
W1	Data for Option W1	
W1.1	The <i>Adjudicator</i> is (Name)	to be appointed as needed, see W1.2(3) below
W1.2(3)	The <i>Adjudicator nominating body</i> is:	The Party, which raises the dispute, shall select three adjudicators from the panel of adjudicators published by the South African Institution of Civil Engineering and/or Association of Arbitrators Southern Africa depending upon the technical or legal issues and nature of the dispute, determine their hourly fees and confirm that these adjudicators are available to adjudicate the dispute in question. The other Party shall then select, within seven (7) days, one of the three (3) nominated adjudicators to act as the adjudicator; failing which the chairperson for the time being of the Association of Arbitrators Southern Africa shall nominate an adjudicator on request from either party.
W1.4(2)	The <i>tribunal</i> is:	Arbitration, arbitrator to be appointed as required.
W1.4(5)	The <i>arbitration procedure</i> is	the latest edition of Rules for the Conduct of Arbitrations published by The Association of Arbitrators Southern Africa or its successor body.
	The place where arbitration is to be held is	South Africa, Johannesburg
	The person or organisation who will choose an arbitrator - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is	the Chairman for the time being or his nominee of the Association of Arbitrators Southern Africa or its successor body on application of either party.
DATA FOR SECONDARY OPTION CLAUSES		
X7	Delay damages (but not if Option X5 is also used)	

	Delay damages for Completion of the whole of the works are	The penalty per calendar day shall be calculated as per the current formula of penalty calculation by the Department of Public Works up to a maximum of 10% of the Prices.	
X13	Performance Bond		
	The amount of the performance bond is	being a Guarantee issued by a registered entity approved by the <i>Employer</i> – fixed at ten percent (10%) of the contract Price at Contract Date, reducing to five percent (5%) of the contract Price when the <i>Contractor</i> achieves Completion and expires 1 month after the <i>defects date</i> .	
X16	Retention		
	The <i>retention free</i> amount is	0%	
	The <i>retention percentage</i> is	10% of the contract value	
X17	Low performance damages		
	The amounts for low performance damages are	amount	performance level for
X18	Limitation of liability		
	The <i>Contractor's</i> liability to the <i>Employer</i> for indirect or consequential loss is limited to:	Nil	
	For any one event, the <i>Contractor's</i> liability to the <i>Employer</i> for loss of or damage to the <i>Employer's</i> property is limited to:	cost for loss or damaged incurred by the <i>Employer</i>	
	The <i>Contractor's</i> liability for Defects due to his design which are not listed on the Defects Certificate is limited to	cost of the repair or reinstatement of property to original standard.	
	The <i>Contractor's</i> total liability to the <i>Employer</i> for all matters arising under or in connection	total of the Prices as at the start date as adjusted in terms of X1 if X1 applies to the contract	

	with this contract, other than excluded matters, is limited to:	
	The <i>end of liability date</i> is	Latent defects 12 months after the Completion of the whole of the <i>works/Sectional Completion/Commissioning</i> per section of the <i>works</i> .
X20	Key Performance Indicators (not used with Option 12)	Not Applicable
	The <i>incentive schedule</i> for Key Performance Indicators is in	N/A
	A report of performance against each Key Performance Indicator is provided at intervals of	Every two weeks

PART A – Additional Definitions

Clause	Amendment
11.2 Identified and defined terms	<p>Add the following new definition as clause 11.2(34):</p> <p>“Baseline Risk Assessment means the baseline risk assessment contemplated in regulation 5(1)(a) of the Construction Regulations.”</p> <p>Add the following new definition as clause 11.2(35):</p> <p>"Construction Agent means an “agent” as per the Construction Regulations which means a competent person who acts as a representative for a client (“client” in this regard being the Employer); the agent contemplated herein: (i) manages the health and safety on a construction project for the client; (ii) is registered with a statutory body (being the South African Council for Project and Construction Management Professions or any other statutory body approved by the chief inspector); and (iii) is qualified to perform the functions required by the Construction Regulations”;</p> <p>Add the following new definition as clause 11.2(36):</p> <p>“Construction Safety Officer means the construction safety officer as defined in the Construction Regulations.”</p>

Add the following new definition as clause 11.2(37):

“Construction Regulations means the Construction Regulations as defined in clause 27.4.2 below”

Add the following new definition as clause 11.2(38):

“A Contractor Insolvency Event means and is considered to occur if:

1. the Contractor commits an act which, if committed by an individual, would constitute an act of insolvency within the meaning of Sections 8 or 9(3)(a)(v) of the Insolvency Act 24 of 1936, as amended, or any equivalent legislation in any jurisdiction to which it is subject;
2. the Contractor begins negotiations or takes any other step with a view to generally deferring, re-scheduling or otherwise re-adjusting all or a material part of its indebtedness or proposes or makes a general scheme, arrangement, assignment, or composition with or for the benefit of its creditors or a moratorium is proposed or agreed in respect of or affecting all or a material part of its indebtedness;
3. the Contractor makes an application to court for business rescue supervision or for its winding-up (whether provisionally or finally);
4. a court of competent jurisdiction grants an order winding-up the Contractor (whether provisionally or finally) or makes an order placing the Contractor under business rescue supervision;
5. an application or other legal process (including the filing of any document commencing judicial process) is issued seeking an order for the winding-up of the Contractor (whether provisionally or finally) or placing the Contractor under business rescue supervision, except for so long as such application or other legal process is being contested in good faith and by appropriate means or except for the bona fide purpose of reconstruction, amalgamation, reorganisation, merger or consolidation; or
6. a resolution is passed by:
 - the shareholders of the Contractor for the winding-up of the Contractor, whether by way of a members' or creditors' voluntary winding-up; or
 - the board of the Contractor for the Contractor to voluntarily begin business rescue proceedings and place himself under business rescue supervision.”

Add the following new definition as clause 11.2(39):

"Temporary Works is all temporary works of every kind required on site for the execution and Completion of the *works* and the remedying of any defects."

Add the following new definition as clause 11.2(40):

- "Intellectual Property" means (a) any copyright, design rights, patents, inventions, logos, business names, service marks and trademarks, internet domain names, moral rights, rights in databases, data, source codes, reports, drawings, specifications, know-how, business methods, trade secrets and confidential business information, semi-conductor rights, topography rights, whether registered or unregistered, rights in the nature of unfair competition and the right to sue for passing off; (b) applications for registration and the right to apply for registration for any of these rights; (c) all other intellectual property rights and similar forms of protection; existing anywhere in the world; and (d) all inventions (whether patentable or unpatentable and whether or not reduced to practice), all improvements thereto, and all patents, patent applications, and patent disclosures, together with all reissues, continuations, continuations-in-part, revisions, extensions, and re-examinations thereof,

PART B - Amendments and additions to Existing Core and Optional Clauses

Clause	Amendment
12 Interpretation and the law	
12.3	Added the following clauses after clause 12.4 "Any extension, concession, waiver or relaxation of any action stated in this contract by the Parties, the <i>Project Manager</i> , the <i>Supervisor</i> , or the <i>Adjudicator</i> does not constitute a waiver of rights, and does not give rise to an estoppel unless the Parties agree otherwise and confirm such agreement in writing."
	Words denoting persons or parties shall include individuals and any organisation having legal capacity.
	In this contract, except where the context requires otherwise: <ul style="list-style-type: none"> • provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing, and; "written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record.
	<ul style="list-style-type: none"> • The headings to the sections, clauses and sub-clauses of the conditions of this contract are for convenience only and do not affect the construction or interpretation of the conditions of contract.

	Any word or expression defined in any clause in the Z clauses, unless the application of the word or expression is specifically limited to the clause in question, bears the meaning prescribed to the word or expression throughout the Z clauses.
	Week means a continuous period of 7 days. If the day for payment of any amount due by the Employer or Contractor in terms of this contract should fall on a Saturday, Sunday or official public holiday in the Republic of South Africa, the relevant day of payment is/are the next ordinary business day in the Republic of South Africa.
	Where figures are referred to in numerals and in words, if there is any conflict between the two, the words shall prevail.
	If any provision of this contract, which is not material to its efficacy as a whole, is rendered void, illegal or unenforceable in any respect under any law, the validity, legality and enforceability of the remaining provision is not in any way affected or impaired thereby and the parties shall endeavour in good faith to agree an alternative provision to the void, illegal or unenforceable provision.
	Unless otherwise specifically recorded in this contract, termination of this contract for any cause does not release a party from any liability which at the time of termination has already accrued to such party or which thereafter may accrue in respect of any act or omission prior to such termination. Similarly, the termination of this contract does not release a party from any obligation which, by its nature, is intended to survive such termination.
Using the Contractor's design	
22.1	Delete core clause 22.1 in its entirety and replace it with the following clauses: Subject to each Party retaining title to its own Intellectual Property prior to the contract date, title to, copyright in and other Intellectual Property rights in any documents or other property created by the Contractor for or in connection with the Works vests in the Employer on creation and the Contractor hereby cedes and assigns all such rights to the Employer with effect from the date of creation vesting such Intellectual Property in the Employer.
22.2	The Employer grants the Contractor a revocable license to use the Intellectual Property for the purposes of Providing the Works for the contract period.
22.3	Unless otherwise agreed by the Parties, the Contractor grants to the Employer a non-exclusive, perpetual, irrevocable, royalty free license to use any of the Contractor's Intellectual Rights, obtained prior to this contract, in connection with the Works and this contract.
22.4	All Intellectual Property created, enhanced or improvement arising from Providing the Works or from or in connection to the contract exclusively vests in the Employer.
22.5	If the Employer is prevented from receiving the Works or any part thereof as a result of any actual or alleged infringement of Intellectual Property rights, the Contractor must, at its cost,

	take all reasonable steps necessary to procure for the Employer the right to receive the Works or the relevant part thereof for its intended purpose.
22.6	<p>Modification or replacement of the Works</p> <p>If the Contractor fails to procure the necessary rights in accordance with this clause within a reasonable time, the Employer may direct the Contractor, at the Contractor's cost, to promptly (i) amend the Works or the relevant part thereof to avoid the infringement of Intellectual Property rights; or (ii) replace the Works or the relevant part thereof with Works that do not infringe Intellectual Property rights.</p>
26 Subcontracting	
26.1	<p>Core clause 26.1 to be amended as follows:</p> <p>The Contractor does not subcontract the whole or any part of the works without the written consent of the Employer, which consent shall be the sole discretion of the Employer. If the Contractor subcontracts work, he is responsible for Providing the Works as if he had not subcontracted. This contract applies as if a Subcontractor's employees and equipment were the Contractor's. For the avoidance of doubt, the Contractor shall be responsible for the acts or defaults of any of its subcontractors, its agents or employees, as if they were the acts or defaults of the Contractor.</p>
26.3	<p>Core clause 26.3 to be amended as follows:</p> <p>The Contractor submits the conditions of contract for each subcontract to the Project Manager and may redact all commercially sensitive information.</p>
26.4	<p>Add a new core clause 26.4 as follows:</p> <p>The Contractor shall procure from the Subcontractor all consents required in order to ensure that all the rights and obligations the Contractor may have under the subcontracts can be ceded and delegated to the Employer.</p>
26.5	<p>Add a new core clause 26.5 as follows:</p> <ul style="list-style-type: none"> If the Contractor does not make payment of any amount due and payable by him to a Subcontractor ("the Subcontractor debt") and the Project Manager considers that the Subcontractor debt adversely impacts on the progress of the Works or the obligations of the Contractor under the contract, Project Manager requests evidence of payment to the Subcontractor. In the absence of such evidence, the Employer may (at its own discretion) pay the Subcontractor debt directly to the Subcontractor concerned in which event such payment is, for all purposes under the Contract, regarded as a payment made on behalf of the Contractor and at the request of and with the approval and consent of the Contractor, as a payment towards the Prices. <p>Payment to the Subcontractor is conducted in terms of core clause 50.2 of the contract.</p>
26.6	<p>Add a new core clause 26.6 as follows:</p> <p>All adverse effects as a result of or arising from the Subcontractor debt does not result in a compensation event.</p>
27	

Health, safety and the environment	
27.4	<p>Clause 27.4 is deleted in its entirety and replaced with the following:</p> <p>Health and Safety specification</p>
27.4.1	<p>The <i>Contractor</i> takes all reasonable steps and precautions to assess the Site, consider and receive all relevant information on the Site and health and safety related to the <i>works</i>, maintain the health and safety of persons in and about the execution of the <i>works</i>.</p>
27.4.2	<p>The <i>Contractor</i> acknowledges that the Occupational Health and Safety Act No. 85 of 1993 and the regulations promulgated therein ("the Act"); and the Construction Regulations 2014 promulgated under the Act ("the Construction Regulations"), Section 27 (2) of the Disaster Management Act, 2002 and Consolidated Directions on Occupational Health and Safety Measures at Certain Workplaces will in all respects be applicable to this contract and the <i>works</i>.</p>
27.4.3	<p>The <i>Employer</i> appoints the <i>Contractor</i> as the "Principal Contractor" (as defined and provided for under the Construction Regulations 2014) for the Site.</p>
27.4.4	<p>Accordingly, the <i>Contractor</i> is responsible for all duties of the "Principal Contractor" as defined and provided for under the Act and the Construction Regulations 2014 including but not limited to those obligations defined and provided for in A [OHS Specification], B [Baseline Risk Assessment] and C [DBSA Health and Safety Policy] and all required Regulations and Standards applicable to the work of this contract.</p>
27.4.5	<p>The <i>Contractor</i> shall appoint a SACPCMP Registered Construction Health & Safety Officer for the Works and all other site specific appointments as per Legislation requirements.</p>
27.4.5.1	
27.4.6	<p>The <i>Contractor</i> confirms that it has received sufficient information about the Site and the <i>works</i> in order to:</p> <ul style="list-style-type: none"> • comply with the provisions of the OHS Act and the Construction Regulations 2014, • comply with the provisions of this clause; • adhere to the <i>Employer's</i> health and safety baseline specification, Baseline Risk Assessment and SHEQ Policy as set out in Annexures A, B and C; • be properly appointed in accordance with Section 37(2) of the Act
27.4.7	<p>The <i>Contractor</i> acknowledges that the Project Manager acts as the <i>Employer's</i> "Implementing Agent" in respect of all obligations which the <i>Employer</i> has as "Client" in the Construction Regulations 2014 and the Act.</p>

27.4.8	Without limitation, the <i>Contractor</i> :
27.4.8.1	notwithstanding any actions which the <i>Employer</i> may take, accepts sole liability for due compliance with the relevant duties, obligations, prohibitions, arrangements and procedures imposed by the Act, all its regulations (including the Construction Regulations 2014) and Annexures A, B and C. By entering into this contract it shall be deemed that the parties have agreed in writing to the above provisions in terms of Section 37 (2) of the Act;
27.4.8.2	acknowledges and confirms that the Prices includes a sufficient amount for proper compliance with the Construction Regulations 2014, Section 27 (2) of the Disaster Management Act, 2002 and Consolidated Directions on Occupational Health and Safety Measures at Certain Workplaces and all applicable health and safety laws, regulations, rules, guidelines, procedures and all obligations imposed by this contract and Annexures A, B and C and generally for the proper maintenance of health and safety in and about the execution of <i>works</i> ;
27.4.8.3	undertakes, in and about the execution of the <i>works</i> , to comply with all applicable health and safety laws, regulations, rules, guidelines and procedures otherwise provided for under this contract and shall ensure that all sub-contractors, employees and Others under the <i>Contractor's</i> direction and control, likewise observe and comply with the foregoing; and
27.4.8.4	indemnifies the <i>Employer</i> against any loss, damage or claim suffered by the <i>Employer</i> due to a failure to comply with any provision of this clause 27.4 by the <i>Contractor</i> .
27.4.8.5	acknowledges and confirms that a Construction Safety Officer will be appointed by the <i>Contractor</i> for the Project and that the Prices includes a sufficient amount for the appointment of such.
27.4.9	The <i>Contractor</i> and his designer shall accept full responsibility and liability to comply with the Act, the Construction Regulations and Annexures A, B and C for the design of the Temporary <i>Works</i> and those parts of the Permanent <i>Works</i> which the <i>Contractor</i> is responsible to design in terms of this contract;
27.4.10	The <i>Employer</i> retains a right to inspect, review, obtain copies of all documents regarding, attend and participate in all meetings regarding; all inquiries, audits and reports conducted under this contract including but not limited to those that are conducted in accordance with:
27.4.10.1	Annexures A, B and C of this contract; and
27.4.10.2	Section 31 and/or 32 of the Act, its regulations and the Construction Regulations following any incident involving the <i>Contractor</i> and/or sub-contractor and/or their employees.
27.4.11	The <i>Contractor</i> shall notify the Project Manager and copy in the <i>Employer</i> in writing of all inquiries, audits, reports, investigations, complaints or criminal charges which may arise pursuant to <i>works</i> performed under this contract.

27.4.12	The <i>Employer</i> and the Project Manager shall, at all times during construction and for a period of 5 (five) years after Completion, have the right to access and inspect any part of the Site/ works and all documents, reports, designs, specifications whatsoever that are prepared pursuant to any clause of this contract.
27.4.13	The <i>Contractor</i> liaises with the <i>Employer</i> and the Project Manager regarding all issues related to this clause 27, and in particular, complies with all reasonable requests from the Project Manager to (i) attend any meetings and/or (ii) provides any documents, audits and reports; required by the <i>Employer</i> or Project Manager.
27.4.14	The <i>Contractor</i> complies with the Baseline Risk Assessment provided by the <i>Employer</i> . Notwithstanding the foregoing, the <i>Contractor</i> prepares its own Baseline Risk Assessment and complies with it where such Baseline Risk Assessment provides additional risks to those noted by the <i>Employer</i> or the <i>Project Manager</i> .
3 Time	
37.1 The Contractor's recovery plan	<p>Amend this clause by the addition of the following new clause:</p> <p>"Where actual progress on Site is not in accordance with the most current programme or where the <i>Employer</i> or <i>Project Manager</i> is of the opinion, at any time during the execution of the works, that the <i>Contractor</i> will not achieve Completion on the date stated in the most current programme, the <i>Contractor</i> shall prepare a recovery plan within 14 days of receipt of an instruction from the <i>Employer</i> or <i>Project Manager</i> requesting such recovery plan detailing:</p> <ul style="list-style-type: none"> the Contractor's plan to ensure that the works will achieve Completion on the date stated in the most current programme; all additional resources which will be employed by the Contractor in order to ensure that the Contractor achieves Completion on the date stated in the most current programme; any other information which may be required by the Employer or Project Manager to ascertain that the Contractor will achieve Completion on the date stated in the most current programme."
5 Payment	
51 Payment	Add the following new clauses after clause 51.4.
51.2	Amend this clause by deleting the second and the third sentences of the clauses and replace them with the following:

	If a certified payment is late by more than 8 weeks, interest is paid on the late payment. Interest is assessed from 4 weeks after the date by which the late payment should have been made until the date when the late payment is made, and is included in the first assessment after the late payment is made.
51 Payment	Amend this clause by adding the following clauses at the end of the clause.
51.5	Within one week of receiving a payment certificate from the <i>Project Manager</i> in terms of core clause 51.1, the <i>Contractor</i> provides the <i>Employer</i> with a tax invoice in accordance with the <i>Employer's</i> procedures stated in the Works Information, showing the amount due for payment equal to that stated in the payment certificate.
51.6	If the <i>Contractor</i> does not provide a tax invoice in the form and by the time required by this contract, the time by when the <i>Employer</i> is to make a payment is extended by a period equal in time to the delayed submission of the correct tax invoice.
51.7	The <i>Contractor</i> (if registered in South Africa in terms of the companies Act) is required to comply with the requirements of the Value Added Tax Act, no 89 of 1991 (as amended) and to include the <i>Employer's</i> VAT number on each invoice the Contractor submits for payment.
6 Compensation Events	
61 Notifying compensation events	
61.3	The last paragraph is deleted and substituted with the following: <i>"In clarification, notwithstanding the Project Manager notifying the Contractor of a compensation event, if the Contractor does not notify a compensation event within the eight weeks of becoming aware of the event or ought reasonably to become aware of the event, he is not entitled to a change in the Prices, the Completion Date or a Key Date."</i>
9 Termination	
91.1	Amend this clause by the addition of the following at the end of the second main bullet point, fourth sub-bullet point, after the words "against it": "or the <i>Contractor</i> commits a <i>Contractor Insolvency Event</i> (R5),"
91.3	Amend this clause by adding the following at the end of the clause: <ul style="list-style-type: none"> • "failed to effect any of the required insurances(R22); • failed to provide a satisfactory recovery plan pursuant to Clause 37 (<i>The Contractor's recovery plan</i>) (R23); or

	<ul style="list-style-type: none"> failed to comply with the provision of Clause Z3 (<i>Broad Based Black Economic Empowerment</i>) (R24). <p>and for terminating for R22 to R24 the same procedures and payment on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table in clause 90.2 apply.”</p>
9.0	Insert the following new clause 9.4
9.4 Termination for convenience	<p>The <i>Employer</i> is entitled to terminate the Contract, at any time for the <i>Employer's</i> convenience, by giving notice of such termination to the <i>Contractor</i>. The termination shall take effect 28 days after the later of the dates on which the <i>Contractor</i> receives this notice or the <i>Employer</i> returns the performance bond and all monies held in retention, unless there are outstanding calls/claims thereon in which event, and if applicable, the <i>Employer</i> returns the performance bond and all monies held in retention promptly after the last of the outstanding calls/claims have been met. The <i>Employer</i> does not terminate the Contract under this sub-clause in order to execute the <i>works</i> himself or to arrange for the <i>works</i> to be executed by another contractor. The same procedures on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table in clause 90.2 apply. The Contractor shall only be entitled to costs incurred at the date of termination.</p>
Option X2: Changes in the Law	
X2.2	<p>Amend this clause by the addition of the following new clause:</p> <p>Notwithstanding anything contained in this clause or this agreement, a “change in law” does not include any law or piece of legislation that is enacted or made but not yet in force as at the date when the tender is submitted, or any proposed or draft law that is promulgated or issued for comment at any time before the tender is submitted if and to the extent that such law when enacted or made and brought into effect is materially unchanged</p>
Option X7: Delay Damages	
X7.4	<p>Amend this clause by adding of the following new clause: (if applicable in this contract)</p> <p>“If the amount due for the Contractor’s payment of delay damages reaches the limits stated in this Contract Data for Option X7 or Options X5 and X7 used together, the Employer may terminate the Contractor’s obligation to Provide the Works using the same procedures and payment on termination as those applied for reasons R1 to R15 or R18 stated in the Termination Table in clause 90.2.”</p>
Option X13: Performance Bond	<p>Amend this clause by adding the following new clause at the end of this clause: (if applicable in this contract)</p>

X13.2	<p>The <i>Contractor</i> ensures that the performance bond is valid and enforceable until the <i>Contractor</i> has Provided the Works and remedied any and all <i>defects</i> therein. If the terms of the performance bond specifies its expiry date, then the <i>Contractor</i> extends the validity of the performance bond 28 days prior to such an expiry date, such that the performance bond lapses at the later of:</p> <ul style="list-style-type: none"> the date of issue of the Defects Certificate; or the date when the last <i>defect</i> notified has been remedied or accepted in accordance with this contract.
X13.3	<p>The <i>Employer</i> may make a claim under the performance bond, for amounts to which the <i>Employer</i> is entitled under the contract in the event of:</p> <ul style="list-style-type: none"> failure by the <i>Contractor</i> to extend the validity of the performance bond as described in the preceding paragraph, in which event the <i>Employer</i> may claim the full amount of the performance bond, failure by the <i>Contractor</i> to pay the <i>Employer</i> an amount due, as either agreed with the <i>Contractor</i> or assessed by the Project Manager (or otherwise determined) in accordance with the provisions of this contract, within 28 days after this agreement, assessment or determination, failure by the <i>Contractor</i> to remedy a default within 28 days after receiving the <i>Employer's</i> notice requiring the default to be remedied, or the occurrence of any one of the following termination reasons: R1 to R15, R18 and R22 to R24.
X13.4	<p>The <i>Employer</i> indemnifies and hold the <i>Contractor</i> harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from a claim under the performance bond to the extent to which the <i>Employer</i> is not entitled to make the claim.</p>
X13.5	<p>Step Down</p> <p>The performance bond reduces by half its value on the date of issue of the Certificate of Completion.</p> <p>The performance bond expires/lapses on the later of:</p> <ul style="list-style-type: none"> the date of issue of the Defects Certificate; or the date when the last <i>defect</i> notified has been remedied or accepted in accordance with this contract.
PART C – Additional Clauses (entitled Z-Clauses)	
Z1	Cession delegation and assignment

Z1.1	The <i>Contractor</i> does not cede, delegate or assign any of its rights or obligations to any person without the written consent of the <i>Employer</i> .
Z1.2	Notwithstanding the above, the <i>Employer</i> may, on written notice to the <i>Contractor</i> , cede and delegate its rights and obligations under this contract to a Related Party or a Client of the <i>Employer</i> . For the purpose hereof
Z1.2.1	Client means the owner, funder and or sponsor of the project and/or programme managed in terms of the MOA/agreement between the Client and DBSA.
Z1.2.2	a “related party” means any entity that directly or indirectly, through one or more intermediaries, controls or is controlled by, or is under common control with the employer and includes any other “Organ of State” as defined in section 239 of the Constitution of the Republic of South Africa, 1996 and any entity or Organ of State for whom the employer carries out the works or acts as an implementing agent; and
Z1.2.3	“Control” means the beneficial ownership of the majority in number of the issued equity of any entity (or the whole or majority of the entity’s assets), and/or the right or ability to direct or otherwise control the entity or the votes attaching to the majority of the entity’s equity and “controlled” or “under common control” shall have a similar meaning.
Z2	Joint ventures
Z2.1	If the <i>Contractor</i> constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations then these persons or organisations are deemed to be jointly and severally liable to the <i>Employer</i> for the performance of this contract.
Z2.2	Unless already notified to the <i>Employer</i> , the persons or organisations notify the <i>Project Manager</i> within two weeks of the Contract Date of the key person who has the authority to bind the <i>Contractor</i> on their behalf.
Z2.3	The <i>Contractor</i> does not substantially alter the composition of the joint venture, consortium or other unincorporated grouping of two or more persons without the consent of the <i>Employer</i> having been given to the <i>Contractor</i> in writing.
Z3	Broad Based Black Economic Empowerment, Construction Industry Development Board grading and the valid and active Tax Compliance Status Pin issued by SARS.
Z3.1	The <i>Contractor</i> warrants that it will:

Z3.1.1	comply with all laws including the <i>Broad Based Black Economic Empowerment Act 53 of 2003</i> , its regulations and Codes of Good Practice; and the <i>Preferential Procurement Act 5 of 2000</i> and all its regulations;
Z3.1.2	maintain or improve (i) the BEE rating stated in its BEE certificate (ii) the contractor's Construction Industry Development Board grading, and (iii) its valid and active Tax Compliance Status Pin issued by SARS submitted at tender stage; and
Z3.1.3	not conduct any Fronting practices as defined in the Codes of Good Practice.
Z4	Change of Broad Based Black Economic Empowerment (B-BBEE) status
Z4.1	Where a change in the <i>Contractor's</i> legal status, ownership or any other change to his business composition or business dealings results in a change to the <i>Contractor's</i> B-BBEE status, the <i>Contractor</i> notifies the <i>Employer</i> within seven days of the change.
Z4.2	The <i>Contractor</i> is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the <i>Project Manager</i> within thirty days of the notification or as otherwise instructed by the <i>Project Manager</i> .
Z4.3	Where, as a result, the <i>Contractor's</i> B-BBEE status has decreased since the Contract Date the <i>Employer</i> may either re-negotiate this contract or alternatively, terminate the <i>Contractor's</i> obligation to Provide the Works.
Z4.4	Failure by the <i>Contractor</i> to notify the <i>Employer</i> of a change in its B-BBEE status may constitute a reason for termination. If the <i>Employer</i> terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93.
Z5	Ethics
Z5.1	Any offer, payment, consideration, or benefit of any kind made by the <i>Contractor</i> , which constitutes or could be construed either directly or indirectly as an illegal or corrupt practice, as an inducement or reward for the award or in execution of this contract, including Fronting as referenced in Sub-Clause Z3.1.3, constitutes grounds for terminating the <i>Contractor's</i> obligation to Provide the Works or taking any other action as appropriate against the <i>Contractor</i> (including civil or criminal action).
Z5.2	The <i>Employer</i> may terminate the <i>Contractor's</i> obligation to Provide the Works if the <i>Contractor</i> (or any member of the <i>Contractor</i> where the <i>Contractor</i> constitutes a joint venture, consortium or other unincorporated grouping of two or more persons or organisations) is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices.

	Such practices include making of offers, payments, considerations, or benefits of any kind or otherwise, whether in connection with any procurement process or contract with the <i>Employer</i> or other people or organisations and including in circumstances where the <i>Contractor</i> or any such member is removed from the an approved vendor data base of the <i>Employer</i> as a consequence of such practice.
Z5.3	Notwithstanding the provisions of core clause 90.2, the procedures on termination in terms of this clause are P1, P2 and P3 as stated in the core clause 92 and the amount due is A1 and A3 as stated in core clause 93.
Z6	Confidentiality
Z6.1	The <i>Contractor</i> does not disclose or make any information arising from or in connection with this contract available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the <i>Contractor</i> , enters the public domain or to information which was already in the possession of the <i>Contractor</i> at the time of disclosure (evidenced by written records in existence at that time). Should the <i>Contractor</i> disclose information to Others in terms of clause 25.1, the <i>Contractor</i> ensures that the provisions of this clause are complied with by the recipient.
Z6.2	If the <i>Contractor</i> is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise by the <i>Project Manager</i> .
Z6.3	In the event that the <i>Contractor</i> is, at any time, required by law to disclose any such information which is required to be kept confidential, the <i>Contractor</i> , to the extent permitted by law prior to disclosure, notifies the <i>Employer</i> so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the <i>Contractor</i> may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.
Z6.4	The taking of images (whether photographs, video footage or otherwise) of the <i>works</i> or any portion thereof, in the course of Providing the Works and after Completion, requires the prior written consent of the <i>Project Manager</i> . All rights in and to all such images vests exclusively in the <i>Employer</i> .
Z6.5	The <i>Contractor</i> ensures that all its subcontractors abide by the undertakings in this clause.
Z9	<i>Employer's limitation of liability</i>
Z9.1	The <i>Employer's</i> liability to the <i>Contractor</i> for the <i>Contractor's</i> indirect or consequential loss is limited to R0.00 (zero Rand)

Z9.2	The <i>Contractor's</i> entitlement under the indemnity in 83.1 is provided for in 60.1(14) and the <i>Employer's</i> liability under the indemnity is limited to compensation as provided for under the compensation events stated in this contract.
Z10	Employer's Step-in Rights and Additional Remedies
Z10.1	In the event the <i>Contractor</i> and/or his subcontractor:
Z10.1.1	fails to carry out any obligation under the contract and the Works Information and fails to make good such failure and remedy it despite being requested to do so by the <i>Project Manager</i> in accordance with notices under Sub-Clause 16.1 (Early Warning) and/or Sub-Clause 13.1 (Communications), or
Z10.1.2	commits a breach of the Contract which reasonably places the project at risk of non-completion by the Completion Date, or non-Completion; or
Z10.1.3	commits a material breach of contract,
	the <i>Employer</i> may, without prejudice to its other rights in clause 9 (Termination), powers and remedies under the contract or in law, be entitled to step-in and take over the <i>works</i> , and on the account of the <i>Contractor</i> and at the <i>Contractor's</i> risk, to (i) make good the failure and remedy it, or complete the <i>works</i> himself, or (ii) call upon other contractors to make good the failure and remedy it or complete the <i>works</i> , or (iii) to call upon other contractors to partner with the <i>Contractor</i> to make good the failure and remedy it, or complete the <i>works</i> . Further, notwithstanding anything contained in this contract, where the <i>Employer</i> has "stepped-in" the <i>Contractor</i> shall remain responsible as if the <i>works</i> were executed by the <i>Contractor</i> for the <i>works</i> up to the Completion Date.
Z10.2	The <i>Contractor</i> shall co-operate with the <i>Employer</i> and facilitate and permit the use of all required Contractor's Equipment, Goods, information, materials and other matter (including Contractor's Documents and all other drawings, CAD files, technical data, models, plans, designs, diagrams, evaluations, details, specifications, schedules, reports, calculation results, manuals or other documents or recorded information (electronic or otherwise) which have been or are at any time prepared by or on behalf of the <i>Contractor</i> under the Contract or otherwise for and/or in connection with the <i>works</i>) and shall generally do all reasonable things required by the <i>Project Manager</i> to achieve this end; provided that where the foregoing constitute proprietary information, the <i>Contractor's</i> obligation hereunder shall be limited to furnishing <i>works</i> specific information in a form capable of being disclosed to third parties or providing assistance to third parties without requiring the <i>Contractor</i> to disclose non <i>works</i> -specific source codes or other proprietary information.
Z10.3	Any information, materials and other matter made available by the <i>Contractor</i> under this Sub-Clause Z.10 shall be used solely and exclusively for the purpose of making good and remedying the <i>Contractor's</i> failure and shall thereafter be returned to the <i>Contractor</i> . Any such information, materials and other matter which is made available by the <i>Employer</i> to other persons as contemplated in this Sub-Clause Z.13 shall be made available strictly in accordance with the foregoing and subject to a confidentiality undertaking.

Z11	Employer Procured Materials and Goods
Z11.1	The <i>Employer</i> is entitled but not obliged to procure materials and goods on behalf of the <i>Contractor</i> . The <i>Contractor</i> may request that the <i>Employer</i> procures materials and goods on behalf of the <i>Contractor</i> .
Z11.2	Should the <i>Employer</i> exercise this right, or should the <i>Employer</i> accept the <i>Contractor's</i> request, the <i>Contractor</i> shall:
Z11.2.1	issue to the <i>Project Manager</i> a list of all materials and goods the <i>Contractor</i> requires;
Z11.2.2	state in the list considered above, the time within which such materials and goods must be provided;
Z11.2.3	take delivery of such materials and goods provided by the <i>Employer</i> ;
Z11.3	The <i>Contractor</i> shall be responsible for and takes the risk on all materials and goods after taking delivery of such materials and goods at Site and indemnifies the <i>Employer</i> against all losses or costs arising from any damage, loss or theft of such materials and goods.
Z11.4	The <i>Contractor</i> shall not be entitled to any extension of time and costs for the late delivery of any materials and goods to be procured by the <i>Employer</i> under the provision of this clause.
Z11.5	The direct cost of all materials and goods procured by the <i>Employer</i> on behalf of the <i>Contractor</i> in accordance with the provisions of this clause shall be deducted from each payment due to the <i>Contractor</i>
Z11.6	The <i>Contractor</i> acknowledges that all <i>Employer</i> supplied materials and goods remain the property of the <i>Employer</i> .
Z12	Contractor Undertaking re CIDB and Tax Certificates
Z12.1	The <i>Contractor</i> shall ensure that all certificates, clearances and the like, including specifically any certificates required to be obtained by the <i>Contractor</i> for purposes of the contract in terms of the Construction Industry Development Board and the Value Added Tax Act, no 89 of 1991, remain in full force and effect up until the Completion Date.
Z12.2	Failure by the <i>Contractor</i> to notify the <i>Employer</i> of the expiry of any requisite certificate may constitute a reason for termination. If the <i>Employer</i> terminates in terms of this clause, the procedures on termination are P1, P2 and P3 as stated in clause 92, and the amount due is A1 and A3 as stated in clause 93. In addition to the <i>Employer's</i> right to terminate, should any requisite certificate that the <i>Contractor</i> is required to obtain expire or be null and void for any reason whatsoever, the <i>Employer</i> may withhold any payments due to the <i>Contractor</i> until such time as the <i>Contractor</i> provides the <i>Employer</i> and / or <i>Project Manager</i> with a valid and / or updated certificate, as the case may be.

Z13	RIGHT TO AUDIT
Z13.1	The Employer shall be entitled to, within 2 (two) Business Days of the giving of notice to the Contractor to such effect, conduct an audit of all relevant books, records, systems, processes, procedures and documents of the Contractor in order to verify compliance by the Contractor with its obligations in terms of this Contract and/or to assess any entitlement or claimed entitlement of the Contractor under this Contract or to investigate any allegations with regard to possible criminal activities or breach of DBSA policies or procedures.
Z13.2	The Contractor shall co-operate and render all assistance requested by the Employer relating to such audit. In addition, the Contractor shall provide the Employer with access to all such books, records, systems, data and documents of the Contractor that are relevant to this Contract, the Contractor's obligations under this Contract and/or any entitlement or claimed entitlement of the Contractor under this Contract and to any premises, shareholders, partners, members, subcontractors and Personnel of the Contractor for the purposes of conducting such audit. The Employer shall have the right to take copies of any records and information the Employer reasonably require to assist in connection with any such audit.
Z13.3	The Contractor shall maintain all data, records and documentation relating to this Contract and keep full and proper records in connection with providing the Works and all matters related thereto (whether contained in documents or in electronic format) for the period of this Contract, and for a period of at least 5 (five) years after termination or completion of all of the Works (as the case may be).
Z13.4	The Contractor shall ensure that the rights in this clause 18 also apply to any subcontractors and that the Employer be afforded the same auditing rights by the subcontractors.
Z13.5	The Employer shall keep all information obtained in terms of this clause 18 confidential and not disclose it to any third party. In the event that the Employer is, at any time, required by law to disclose any such information which is required to be kept confidential, the Employer, to the extent permitted by law prior to disclosure, notifies the Contractor so that an appropriate protection order and/or any other action can be taken if possible, prior to any disclosure. In the event that such protective order is not, or cannot, be obtained, then the Employer may disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment will be afforded to the information so disclosed.

C1.2 CONTRACT DATA (Continued)

Part two – Data provided by the *Contractor*

[Instructions to the contract compiler: (delete this notes before issue to tenderers with an enquiry)

Whenever a cell is shaded in the left hand column it denotes this data is optional and would be required in relation to the option selected. In the event that the option is not required select and delete the whole row.]

Notes to a tendering contractor:

1. Please read both the NEC3 Engineering and Construction Contract (April 2013) and the relevant parts of its Guidance Notes (ECC3-GN)² in order to understand the implications of this Data which the tenderer is required to complete. An example of the completed Data is provided on pages 152 to 154 of the ECC3 Guidance Notes.
2. The number of the clause which requires the data is shown in the left hand column for each statement however other clauses may also use the same data
3. Where a form field like this [] appears, data is required to be inserted relevant to the option selected. Click on the form field **once** and type in the data. Otherwise complete by hand and in ink.

Completion of the data in full, according to Options chosen, is essential to create a complete contract.

**Statements given
in all contracts**

- The *Contractor* is
Name
Address
.....
- The *direct fee percentage* is. %.
- The *subcontracted fee percentage* is. %.
- The *working areas* are the Site and
.
- The key people are
(1) Name
Job
Responsibilities
.....
Qualifications
Experience
.....
(2) Name
Job
Responsibilities
.....
Qualifications
.....

Experience

- The following matters will be included in the Risk Register (note as above with data by Employer this is risks identified at tender stage)

**Optional
statements**

If the *Contractor* is to provide Works Information for his design

- The Works Information for the *Contractor's* design is in

If a programme is to be identified in the Contract Data

- The programme identified in the Contract Data is.....

If the *Contractor* is to decide the *completion date* for the whole of the works

- The *completion date* for the whole of the works is.....

**Data for the
Shorter Schedule
of Cost
Components**

- The *activity schedule* is

- The tendered total of the Prices is.....

- The percentage for people overheads is %.
- The published list of Equipment is the last edition of the list published by
- The percentage for adjustment for Equipment in the published list is % (state plus or minus).

- The rates for other Equipment are

Equipment	size or capacity	rate
.....
.....
.....
.....

- The hourly rates for Defined Cost of design outside the Working Areas are

category of employee	hourly rate
.....
.....
.....
.....

- The percentage for design overheads is %.
- The categories of design employees whose travelling expenses to and from the Working Areas are included in Defined Cost are

C1.3 PERFORMANCE BOND

Pro-Forma NEC3 ECC Variable Performance Bond for Works and Maintenance – Demand Guarantee

To: *Employer*

Dear Sirs

Reference No. [●] *[Drafting Note: Guarantor/Bank reference number to be inserted]*

Performance Bond: *[Drafting Note: Name of Contractor to be inserted]*

Employer: Contract Reference - [●] [Drafting Note: Contract reference number to be inserted]

1. In this Guarantee:

1.1 the following words and expressions have the following meanings:

1.1.1 “Guarantor” - means [●], [●] Branch, (Registration No. [●]); *[Drafting Note: Name of Guarantor to be inserted]* [●] **Financial Services Board Registration number [●]**
NB: Guarantees submitted must be issued by either an insurance company duly registered in terms of the Short-Term Insurance Act, 1998 (Act 53 of 1998) or by a bank duly registered in terms of the Banks Act, 1990 (Act 94 of 1990) No alterations or amendments of the wording of the pro-forma will be accepted unless approved prior to it been issued by the Employer.

1.1.1 “Guarantor’s Address” - means [●]; *[Drafting Note: Guarantor’s physical address to be inserted]*

1.1.2 “Contract” - means the written agreement entered into between *Employer* and the *Contractor* on or about [●] [●] 200[●] (Contract Reference No. [●]), as amended, varied, restated, novated or substituted from time to time; *[Drafting Note: signature date and Contract reference number to be inserted]*

1.1.3 “Contractor” - means [●] a [●] registered in accordance with the laws of [●] with registration number [●]; *[Drafting Note: Name and details of Contractor to be inserted]*

1.1.4 “Employer” - means The Development Bank of Southern Africa Limited, acting through its Infrastructure Delivery Division (the “IDD”), being a development finance institution reconstituted and incorporated as a juristic person in terms of section 2 of the Development Bank of Southern Africa Act No 13 of 1997;

1.1.5 “Expiry Date” – means the date of issue of the Defects Certificate or such later date as may be determined by the application of clause 3.3;

1.1.6 “this Guarantee” - means this Performance Bond;

1.1.7 “Guaranteed Sum” - means the sum of [● - figure] ([● - words]) as reduced from time to time as provided for in paragraph 3 below; *[Drafting Note: Maximum aggregate*

Guarantee amount to be inserted not exceeding 10% of the contract sum]

- 1.1.8 “Project Manager” - means [●] a [●] registered in accordance with the laws of [●] with registration number [●]; and
- 1.1.9 a “recovery statement”, an “interim payment certificate”, a “Payment Certificate”, a “Certificate(s) of Completion” or “Defect Certificate” shall mean any such certificate as issued by the Project Manager;
- 1.2 words and expressions defined in the Contract shall, unless otherwise defined in this Guarantee or otherwise required by the context of this Guarantee, have the same meanings in this Guarantee as those ascribed to them in the Contract, albeit that the Contract itself, and any terms as defined therein, are merely referenced for convenience and not to create an accessory obligation.
2. At the instance of the *Contractor*, the Guarantor hereby confirms that we hold the Guaranteed Sum at the disposal of *Employer*, as security for the proper performance by the *Contractor* of all of his obligations in terms of and arising from the Contract, and hereby irrevocably and unconditionally both agree and undertake to pay to *Employer*, on written demand from *Employer* envisaged in paragraph 3 below and received prior to the Expiry Date, any amount or amounts as may be so demanded from time to time, subject to a maximum of the Guaranteed Sum in the aggregate.
3. The Guarantor’s liability shall be limited to the diminishing amounts of the Guaranteed Sum as follows:
- 3.1 Maximum Guaranteed Sum (not exceeding 10% of the contract sum) in the amount of:
- [● – amount in figures] ([● – amount in words]),**
- from and including the date of issue of this Guarantee and up to and including the Completion Date.
- 3.2 Reducing the Guaranteed Sum (not exceeding 5.0% of the contract sum) in the amount of:
- [● – amount in figures] ([● – amount in words]),**
- from and including the day after the Completion Date up to and including the date of the issue of the Defects Certificate.
- 3.3 Reducing the Guaranteed Sum (not exceeding 0% of the contract sum) in the amount of:
- R nil**
- from and including the day after the date of the issue of the Defect Certificate, where after this Guarantee for Construction shall expire. Where the final payment certificate reflects payment due to the *Employer* this Guarantee shall expire upon payment of the full amount certified. The Guarantor's liability limits set out in paragraphs 3.1 to 3.3 shall apply in respect of any claim received by the Guarantor during the Security validity.
4. A demand for payment under this Guarantee shall be made in writing at the Guarantor’s address and shall:
- 4.1 confirm the “Guaranteed Sum” at the time of the demand;
- 4.2 state the amount claimed (“the Demand Amount”); and
- 4.3 state that the Demand Amount is payable to *Employer* in the circumstances contemplated in

the Contract:

- 4.3.1 in regard to sums certified, shall state the Demand Amount to be the amount so certified and shall:
- 4.3.1.1 state that such first written demand notice issued by *Employer* to the Guarantor at the Guarantor's Address, with a copy to the *Contractor*, records that a period of seven (7) calendar days has elapsed since the issue of the first written demand notice in terms of paragraph 4.3.1.2 and that the sum certified has not been paid to date. *Employer* herewith calls up this Guarantee and demands payment of the sum certified from the Guarantor;
- 4.3.1.2 be accompanied by a copy of a preceding first written demand notice issued by *Employer* to the *Contractor* stating that payment of a sum certified by the Project Manager in an interim or final payment certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, *Employer* intends to call upon the Guarantor to make payment in terms of paragraph 4.3.1.1;
- 4.3.1.3 and
- 4.3.1.4 shall be accompanied by a copy of the applicable payment certificate which entitles *Employer* to receive payment in terms of the Contract of the sum certified;
- 4.3.2 where the Demand Amount is for the Guaranteed Sum or the full outstanding balance thereof, *Employer* shall deliver a first written demand notice to the Guarantor at the Guarantor's Address calling up this Guarantee stating that:
- 4.3.2.1 the Contract has been terminated due to the *Contractor's* default and that the Guarantee is called up in terms of this sub-paragraph. This demand shall enclose a copy of the notice of termination; or
- 4.3.2.2 a provisional sequestration or liquidation court order has been granted against the *Contractor* and that the Guarantee is called up in terms of this sub-paragraph. The demand notice shall enclose a copy of the court order.
5. Notwithstanding the reference herein to the Contract the Guarantor acknowledges that:
- 5.1 the liability of the Guarantor in terms hereof is as principal and not as surety and the Guarantor's obligation/s to make payment:
- 5.1.1 is and shall be absolute and unconditional in all circumstances; and
- 5.1.2 is not, and shall not be construed to be, accessory or collateral on any basis whatsoever;
6. *Employer* shall be entitled to arrange its affairs with the *Contractor* in any manner which it sees fit, without advising us and without affecting the Guarantor's liability under this Guarantee. This includes, without limitation, any extensions, indulgences, release or compromise granted to the *Contractor* or any variation under or to the Contract.
7. Should *Employer* cede its rights against the *Contractor* to a third party where such cession is permitted under the Contract, then *Employer* shall be entitled to cede to such third party the rights of *Employer* under this Guarantee on written notification to the Guarantor of such cession.
8. The Guarantor's obligations in terms of this Guarantee:

- 8.1 shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and
- 8.2 shall not be discharged and compliance with any demand for payment received by the Guarantor in terms hereof shall not be delayed, by the fact that a dispute may exist between *Employer* and the *Contractor*.
9. This Guarantee:
- 9.1 shall expire on the Expiry Date until which time it is irrevocable;
- 9.2 is, save as provided for in 7 above, personal to *Employer* and is neither negotiable nor transferable;
- 9.3 shall be returned to the Guarantor upon the earlier of payment of the full Guaranteed Sum or expiry hereof;
- 9.4 shall be regarded as a liquid document for, firstly, the purpose of demonstrating and/or determining the amount due by the Guarantor to *Employer* and, secondly, obtaining any court order; and
- 9.5 shall be governed by and construed in accordance with the law of the Republic of South Africa and shall be subject to the jurisdiction of the Courts of the Republic of South Africa.
10. The Guarantor chooses the *domicilium citandi et executandi* for all purposes in connection with this Guarantee at the Guarantor's Address.
- 11.

Signed at _____

Date _____

For and behalf of the Guarantor

Guarantor Signatory 1: _____

Guarantor Signatory 2: _____

Capacity of Guarantor

Signatory 1: _____

Capacity of Guarantor

Signatory 2: _____

Witness: _____

Witness: _____

(Printed Name
of Witness) _____

(Printed Name
of Witness) _____

Guarantor's seal or stamp

PART 2: PRICING DATA

NEC 3 Engineering and Construction Contract Option A: Priced Contract with *Activity Schedule* of April 2013 (including amendments).

Document reference	Title	No of pages
C2.1	Pricing Assumptions: Option A	2
C2.2	Pricing Instructions	1
C2.3	The <i>Schedule of Activities</i>	2
C2.4	Amendments, Qualifications And Alternatives By Tenderer	1
	Total number of pages	6

C2.1 PRICING ASSUMPTIONS: OPTION A

1 How work is priced and assessed for payment

Clause 11 in NEC3 Engineering and Construction Contract (ECC3) Option A states:

- Identified and defined terms** 11
- 11.2 (20) The Activity Schedule is the *activity schedule* unless later changed in accordance with this contract.
- (22) Defined Cost is the cost of the components in the Shorter Schedule of Cost Components whether work is subcontracted or not excluding the cost of preparing quotations for compensation events.
- (27) The Price for Work Done to Date is the total of the Prices for
- each group of completed activities and
 - each completed activity which is not in a group.
- A completed activity is one which is without Defects which would either delay or be covered by immediately following work.
- (30) The Prices are the lump sum prices for each of the activities on the Activity Schedule unless later changed in accordance with this contract.

This confirms that Option A is a lump sum form of contract where the work is broken down into activities, each of which is priced by the tendering contractor as a lump sum. Only completed activities are assessed for payment at each assessment date; no part payment is made if the activity is not completed by the assessment date.

1. Function of the Activity Schedule

Clause 54.1 in Option A states: "Information in the Activity Schedule is not Works Information or Site Information". This confirms that specifications and descriptions of the work or any constraints on how it is to be done are not included in the Activity Schedule but in the Works Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Works in accordance with the Works Information". Hence the *Contractor* does **not** Provide the Works in accordance with the Activity Schedule. **The Activity Schedule is only a pricing document.**

2. Link to the programme

Clause 31.4 states that "The *Contractor* provides information which shows how each activity on the Activity Schedule relates to the operations on each programme which he submits for acceptance". **Ideally the tendering contractor will develop a high level programme first then resource each activity and thus arrive at the lump sum price for that activity both of which can be entered into the *activity schedule*.**

3. Preparing the activity schedule

Generally it is the tendering contractor who prepares the *activity schedule* by breaking down the work described within the Works Information into suitable activities which can be well defined, shown on a programme and priced as a lump sum.

The *Employer*, in his Instructions to Tenderers or in a Tender Schedule, may have listed some items that he requires the *Contractor* to include in his *activity schedule* and be priced accordingly.

It is assumed that in preparing his *activity schedule* the *Contractor*:

- Has taken account of the guidance given in the ECC3 Guidance Notes pages 19 and 20;
- Understands the function of the Activity Schedule and how work is priced and paid for;
- Is aware of the need to link the Activity Schedule to activities shown on his programme;
- Has listed and priced activities in the *activity schedule* which are inclusive of everything necessary and incidental to Providing the Works in accordance with the Works Information, as it was at the time of tender, as well as correct any Defects not caused by an *Employer's* risk;
- Has priced work he decides not to show as a separate activity within the Prices of other listed activities in order to fulfil the obligation to complete the *works* for the tendered total of the Prices.
- Understands there is no adjustment to the lump sum Activity Schedule price if the amount, or quantity, of work within that activity later turns out to be different to that which the *Contractor* estimated at time of tender. The only basis for a change to the Prices is as a result of a compensation event.

C2.2 PRICING INSTRUCTIONS

- 1 The Activity Schedule to be priced is to be drawn up by the Contractor.
 - 2 The agreement is based on the NEC3 suite of documents, Option A. The additions, deletions and alterations to the NEC3 document as well as the contract specific variables are as stated in the Contract Data.
 - 3 Preliminaries requirements are based on the various parts of SANS 1921, Construction and management requirements for works contracts. The additions, deletions and alterations to the various parts of SANS 1921 as well as the contract specific variables are as stated in the Specification Data in the Scope of Work.
 - 4 It will be assumed that prices included in the Schedule of Activities (if any), are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards).
 - 5 The Contractor is required to make designs for the works. The Contractor will assume responsibility for design for suitability for purpose for the portion of the works which he has designed.
 - 6 Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
 - 7 The Schedule of Activities is not intended for the ordering of materials. Any ordering of materials, based on the Schedule of Activities, is at the Contractor's risk.
 - 8 Activity Schedule and pricing to be submitted should be at a detailed level.
 - 9 No variations will be considered for any omissions by the tenderer.
 - 10 The contract price shall remain fixed for the duration of the contract and will not change with any fluctuations in foreign exchange and CPAP.
- The DBSA provided Activity Schedule is the minimum activities to be priced.
 - Tenderers providing their own detailed Activity Schedule must contain these listed activities, in addition to any of their own additions.
 - Tenderers to generate own Activity Schedule and append it to their submission.
 - The final offer needs to be recorded in DBSA provided Activity Schedule and the Form of Offer.

C2.3 THE ACTIVITY SCHEDULE

ITEM	DESCRIPTION	AUTOMOTIVE WORKSHOP AMOUNT (R)	EGD CLASSROOM AMOUNT (R)	CONSTRUCTION WORKSHOP AMOUNT (R)
	Primary elements			
1	• Foundations			
2	• Ground Floor Construction			
3	• Structural Frame			
4	• Independent Structural Components			
5	• External Envelope			
6	• Roofs			
7	• Internal Divisions			
8	• Partitions			
9	• Floor Finishes			
10	• Internal Wall Finishes			
11	• Ceilings and Soffits			
12	• Fittings			
13	• Electrical Installation			
14	• Internal Plumbing			
15	• Fire Services			
16	• Balustrading, etc.			
17	• Miscellaneous Items (Including any other Items that the Bidder wishes to add)			
	Special installations			
18	• Sun Control Screens, Grilles, etc			
19	• Raised Access Floors			
20	• Special Fire Protection			
21	• Air Conditioning			
22	• Ventilation			
23	• Heating			
24	• Special Electrical Installations			
25	• Other Services Electrical Installations			
26	• Specialised Equipment			
27	• Security Systems			
28	• Communication Systems			
29	• Signage			
30	• Furniture for EGD Classroom			
	External works and services			
31	• Soil Drainage			
32	• Sub-surface Water Drainage			
33	• Stormwater Drainage			
34	• Water Supplies			
35	• Fire Service			
36	• Site Clearance			
37	• Earthworks			
38	• Boundary, Screen and Retaining Walls, etc			
39	• Fencing and Gates			
40	• Roads, Paving, etc			
41	• Covered Parking, Walkways, etc			
42	• Pergolas, Canopies, etc			
43	• Miscellaneous Items (Including any other Items that the Bidder wishes to add)			
44	• Contractor to price for unexpected ground Geotechnical/varying ground conditions.			
	Sub-total (1)			
45	• Preliminaries			
	Sub-total (2)			
46	• Add Professional Services Provider (PSP) Fees			
	Sub-total (3)			
47	• Add Contingencies	R 500 000,00	R 500 000,00	R 500 000,00
	Sub-total (4)			
48	• Value Added Tax @ 15%			
	Sub-total (5)			
	TOTAL (EGD CLASSROOM, AUTOMOTIVE & CIVIL SERVICES WORKSHOPS) CARRIED TO FORM OF OFFER			

Please note: Deliverables completed per remuneration schedule will be approved by the Project Steering Committee (PSC) where after invoices will be submitted to the project manager who will process the invoice within 7 (seven) working days of receipt thereof, and remuneration will be paid within 30 (thirty) days of approved invoice.

Water and electricity will be available free of charge from Pikitup but will be metered and consumption needs to be included in the monthly reporting.

The priced Schedule of Activities (to be compiled by Contractor), following hereafter will form an integral part of the "Contract" between the successful appointed Contractor and the Employer.

I, _____ of _____,
(Authorised Signatory) (Company Name)

Hereby acknowledge having read, understood and agree to requirements as set out in C2.3 and warrant that the documents submitted are true and accurate.

(Signature)

(Date)

C2.4 AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES BY TENDERER

- Use this page as a cover page to the *Amendments, Qualifications and Alternatives by Tenderer*.
- Unless otherwise stated in the tender data, amendments, qualifications and alternatives shall be recorded here.

PAGE	CLAUSE OR ITEM	PROPOSAL

I, _____ of _____,
(Authorised Signatory) (Company Name)

Hereby acknowledge having read, understood and agree to requirements as set out in C2.4 and warrant that the documents submitted are true and accurate.

(Signature)

(Date)

PART 3: SCOPE OF WORK

NEC 3 Engineering and Construction Contract Option A: Priced Contract with *Activity Schedule* of April 2013 (including amendments).

Document reference	Title	No of pages
	This cover page	1
C3.1	Employers Works Information	3
C3.2	Contractors Works Information	6
C3.3	Particular Specifications	1
C3.4	Drawings	1
	Total number of pages	35

C3.1 EMPLOYERS WORKS INFORMATION

Description of the works

Employer's objectives

The primary objective of the Department's infrastructure programme is to provide facilities in accordance with the Infrastructure Delivery Management System (IDMS) and in such a manner that the delivery process is consistent with the goals as set out in:

- Free State Growth and Development Strategy;
- FSDoE Strategic Plan 2015-2020;
- FSDoE Annual Performance Plan;
- Medium Term Strategic Framework;
- National Development Plan (NDP);

The physical facilities must enhance the quality of the teaching and the learning environment, and restore the pride and dignity of learners, educators and communities.

Aligned to both national and provincial strategic goals, the infrastructure programme has the following objectives which form part of the Annual Performance Plan (APP), together with the specific delivery targets:

- Replacing mud and other inappropriate structures
- Intensifying efforts to ensure that all schools are safe environments for all children.
- Building of new schools to eliminate overcrowding
- Ensuring that training and skills development initiatives form part of building programmes to respond to the requirements of the economy, rural development challenges and social integration
- Promoting the principles of sound asset and financial management, and effectively implementing these to ensure that all legislative compliance and audit criteria are met, and best practices are utilized throughout
- Effective and efficient implementation of the Education Facilities
- Management System (EFMS), both as a programme and an asset management tool.

C3.2 CONTRACTORS WORKS INFORMATION

Overview of the works

The works involves the design and construction of the following structures at Boaramelo school in the Free State province:

- Boaramelo Secondary School, in Jagersfontein
 - Automotive Workshop
 - EGD Classroom
 - Civil Services Workshop

The design of the Buildings in these schools includes:

1. Automotive Workshops

- One Theory room
- One Storeroom
- One Carwash bay
- One office
- Two Chain operated roller shutter door
- Concrete Slab Approaches
- Four post hoists
- Store for Lubricants
- Electrical works
- Civil drainage works

2. EGD Classrooms

The classroom(s) should be able to accommodate the following:

- Desks with a minimum top size of 700 mm X 600 mm or A2, or larger drawing tables that will sufficiently accommodate an A3 drawing board and drawing instruments placed next to the drawing board
- A computer docking station with a computer with all hardware and software required for CAD
- An A3 printer
- A HD visualizer document reader docking station large enough to accommodate the teacher's drawing board and instruments.
- Provision should be made for trunking of all cables from the socket outlets to the computer and from the computer to the data projector and visualizer
- A large whiteboard, with an eraser and pens
- Large sized set squares, ruler/T-square ruler, protractor and compasses, sufficient to draw on the whiteboard
- Overhead HD data projector sufficient to show detailed lines of drawings.
- A large projector screen combined with the whiteboard in order to draw civil and engineering drawings
- Large, lockable cupboards or steel cabinets for all the teacher's files and resource material

- Sufficient cupboards or storage space for all the learners' EGD files
- Approved EGD textbooks, with explanatory examples and exercises for each topic, and teachers'
- guides
- Sufficient A4 and A3 drawing sheets for all the drawing tasks.

3. Construction workshop

- One Theory room
- One Storeroom
- Concrete Slab with Roof covering for outside Bricklaying
- Aggregate Storage
- Storage for Lime and cement
- Storage for Wheelbarrows and other equipment
- Two Chain operated roller shutter door
- Concrete Water channels
- Teachers Office
- Electrical works
- Civil drainage works
- Brick walls with window and door openings for plastering lessons

The below table stipulates the description of finishes, material and standards – All to adhere to National Building Regulations

FREE STATE DEPARTMENT OF EDUCATION TECHNICAL WORKSHOPS

FINISHES SCHEDULE

FOUNDATIONS

Reinforced Concrete Strip Foundations at 40 MPa

SURFACE BEDS

Floor finish on minimum 30mm screed on concrete, bedding on compacted soil to Engineer's Specification

Surface beds to have movement and other necessary joints as per Engineer's Specifications and Design

BRICKWORK

220mm and 110mm-unpainted face-brick walls

220mm or 110mm walls to have brick force every 4th course

GLAZING

Brick on edge window seal for all windows

All glazing to comply with Part N of SANS10400 National Building Regulations.

Aluminium doors and windows to conform to AAAMSA and SAGGA standards

ROOF (MONOPITCH WITH MINIMUM 10 DEGREE ROOF TRUSSES)

Minimum 215 x 15mm Fascia Boards

Minimum 75mm Gypsum covered cornice nailed to ceilings and walls

Minimum 6mm gypsum ceiling boards with cover strips fixed battens (No Plastering)

Minimum 135mm approved non-combustible lightweight insulation blanket between truss beams

Minimum 0.6mm GRS "Kliptite" Roof Sheeting fixed in timber trusses as per Engineer's Specification

Minimum 500mm Roof Overhang

VERANDAH

Face brick Columns/Wall with Brick force every 4th course at both ends of the Verandah

Steel Beams with side wall base plates as per Engineer's Specification

Wood floated Concrete finish to walk ways

HEIGHT OF BUILDING

3m from Floor Finish to Wall Plate or Ceiling Level

LENGTH OF BUILDING

Minimum 32m

WIDTH OF BUILDING

Minimum 10m

ADDITIONAL NOTES:

Works to be executed in strict compliance with SANS10400.

Dimensions on the concept drawings not to scale

Finished floor levels to be a minimum of 150mm above natural ground level unless otherwise shown.

Firewalls to be built up to underside of roof covering.

All concrete foundations to be as per Engineer's Specifications and Designs.

Buildings to be provided with all necessary signage according to SANS Standards

PLUMBING, SEWAGE AND DRAINAGE

Rodding Eyes to be provided where necessary

All waste fittings to have Deep "P" resealed traps and to be fully accessible for repairs and cleaning

Stormwater to run naturally with slope of site

Concrete rain water channel all around building

All paving to be laid to falls away from building.

WATERPROOFING AND DAMPPROOFING

D.P.C. under all walls and screen walls to be minimum 150mm above finished ground level and visibly protruding.

D.P.C. to be provided under window cills, behind weatherboards and under roof ridge tiles.

Vertical D.P.C. to all changes in floor level.

Surface beds to be on approved waterproofing forming a continuous sealed membrane with the D.P.C. under walls.

Flashings and counter-flashings to all changes of roof levels and to chimneys and wall connections.

Waterproofing to roof slabs to be Derbigum SP4 membrane or similar approved product. All to be laid (including flashing and counter-flashing) strictly in accordance with manufacturer's instructions with UB7 Bituminous Paint to all exposed surfaces and guaranteed unconditionally for ten years.

NOTE: CONTRACTOR TO INDEPENDENTLY CONSIDER POSSIBLE ABNORMAL GROUND CONDITIONS LIKE HARD ROCK.

Extent of the works

The Works to be carried out by the Turnkey Contractor and sub-contractors under this Contract comprise mainly of the following scope.

Facility Name	Description of works	Service Requirement
RFP 248/2021		
Boaramelo Secondary School, Jagersfontein	<ul style="list-style-type: none"> Design and construct the works as per concept brief provided. Supply and install the required furniture and equipment. 	<p>Turnkey Contractor</p> <p>Professional Team</p> <ul style="list-style-type: none"> ✓ Project Manager (SACPCMP) ✓ Professional Architect- Pr Arch (SACAP) ✓ Quantity Surveyor (SACQSP) ✓ Civil Engineer (ECSA) PrEng or PrTech ✓ Structural Engineer (ECSA) PrEng or PrTech ✓ Electrical Engineer (ECSA) PrEng or PrTech ✓ Mechanical Engineer (ECSA) PrEng or PrTech – with HVAC ✓ Geotechnical Engineering Services (ECSA) PrEng or PrTech or PrNatSci (SACNASP) ✓ Health and Safety Consultant CHSM (SACPCMP) ✓ Social Facilitator (5 Years Experience)

		<p><u>CV requirements for Key Construction Personnel</u> (Min. 10 years' experience for the Contract Manager and Site Agent/Supervisor and 5 years for the Site Foreman and Health and Safety officer.</p>
--	--	---

This is a turnkey project and must include all the correctly Professionally required person for all the required disciplines to ensure the all the required stages as reflected below, can be covered.

The Turnkey Contractor bidding for this assignment should thus consist of a multi-disciplinary team of professionals for the execution and supervision of the works:

Professionally Registered Key Team Members with relevant years of built environment experience relevant to the assignment in the following but not limited disciplines:

- Project Manager
- Architect
- Quantity Surveyor
- Civil Engineer
- Structural Engineer
- Electrical Engineer
- Mechanical Engineer – HVAC
- Geotechnical Engineering services
- Health and Safety Consultant (CHSM) Must be registered and in good standing (SACPCMP)
- Social Facilitator

The Construction team should consist of built environment personnel such as;

- Site Foreman
- Site Agent
- Community Liaison Officer (CLO)
- Safety Officer (SACPCMP)
- Artisans (Plumbers, Electricians, Brick layers, Carpenters etc.)
- Company experience on similar projects with contactable references (references to be provided);
- Contractor Development Programme (CDP) contractors must be incorporated as Subcontractors on each of these projects. This will involve amongst other the on-site training of the contractors. List of contractors will be provided by the FSDoE and will be issued to the winning bidder for use. The winning bidder will be required to consider the list provided.

THE MINIMUM REQUIREMENTS FOR AN EGD CLASSROOM

Spaces to be allowed for:

- A sufficient sized classroom
- Sufficient cross ventilation via windows with burglar bars attached to it.
- A sufficient sized security storeroom adjacent to the classroom to safeguard all the required resources and equipment
- Sufficient space for medium-to-large school desks to serve as drawing tables
- Sufficient artificial fluorescent lighting to enable accurate drawings during.

The classroom(s) should be able to accommodate the following:

- Desks with a minimum top size of 700 mm X 600 mm or A2, or larger drawing tables that will sufficiently accommodate an A3 drawing board and drawing instruments placed next to the drawing board.
- A computer docking station with a computer with all hardware and software required for CAD
- An A3 printer
- A HD visualizer document reader docking station large enough to accommodate the teacher's drawing board and instruments.
- Provision should be made for trunking of all cables from the socket outlets to the computer and from the computer to the data projector and visualizer
- A large whiteboard, with an eraser and pens.
- Large sized set squares, ruler/T-square ruler, protractor and compasses, sufficient to draw on the whiteboard.
- Overhead HD data projector sufficient to show detailed lines of drawings.
- A large projector screen combined with the whiteboard in order to draw civil and engineering drawings on a large, lockable cupboards or steel cabinets for all the teacher's files and resource material
- Sufficient cupboards or storage space for all the learners' EGD files

3.1 General Guide on how the Turn-key Provides the Services.

3.1.1. Management meetings

3.1.1.1 Two (2) Weekly meetings are scheduled for 1 hour either physically or on the virtual platform. The purpose of the meeting is:

3.1.1.2 Discussion of the overall co-ordination, other matters of a general nature, early warnings and any savings. (Designed to pro-actively and jointly manage the administration of the contract with the objective of minimising the adverse effects of risks and surprises for both Parties).

- Discuss all the activities scheduled for the next report period
- Weekly meeting with Senior Managers scheduled for 1 hour at the Employer's property:
- The purpose of the meeting:

- Discussion will be focusing on the items coming from the DBSA IDD or FSDoE management and those issues that need management attention and focus.
- Ad-hoc meeting (as required by the Employer and with the authorisation from the Employer's Agent)
- Discussion on an overall activities as may required
- Records of these meetings shall be submitted to the Employer's Agent by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes, virtual recording and a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the Contract as these shall be done separately by the person identified in the conditions of contract to carry out such actions or instructions.

3.2 Contractor's key persons

- The Contractor submits the relevant qualification and experience of a proposed replacement to the Employer for acceptance- including a list of similar projects demonstrating his/her competency and experience and organisational structure/organogramme showing his/her lines of authority/communication. The Employer reserves the right to examine the certification.
- The Employer may, having stated, instruct the Consultant to remove a key person. The Contractor then arranges that, after one day, the key person has no further connection with the work included in this contract.
- ~~• The Consultant shall provide orientation and technical training for all key personnel in accordance with the requirements of the Employer's Radiological Safety Regulations, the Employer's Industrial Safety Programme and, in general, the whole framework of plant rules and regulations which may be in force at the Employer's site from time to time, which is available on request.~~
- ~~• The Consultant ensures that all key personnel assigned to the work in terms of the contract meet the requirements of the Employer's security and medical qualifications as well as training and experience generally required by similar utilities elsewhere in respect of similar work. Where required, these staff members shall also meet such requirements as the National Nuclear Regulator may stipulate from time to time.~~

3.3 Provision of bonds and guarantees

- The form in which a bond or guarantee required by the conditions of contract (if any) is to be provided by the Consultant is given in Part 1 Agreements and Contract Data, document C1.3, Sureties.
- The Employer may withhold payment of amounts due to the Consultant until the bond or guarantee required in terms of this contract has been received and accepted by the person notified to the Consultant by the Employer's Agent to receive and accept such bond or guarantee. Such withholding of payment due to the Consultant does not affect the Employer's right to termination stated in this contract.

3.4 Identification and communication

- All reports and documents supplied to Employer shall be in electronic format and on Microsoft format (i.e. Word, Excel, and the like always be forwarded to Employer's Agent).
- Electronic copies of text files shall be in '.doc' and drawings in 'pdf' format. All drawings and documents compiled for the services are to be sized to metric paper size standards (A4, A3 etc.).
- Every document must have a title, RFP number, date and revision number.
- The Service Provider handles all formal communication between the Consultant and the Employer through the Employer's Agent or other person delegated in writing by the Employer.
- The Service Provider conducts informal day-to-day oral communications with others as necessary for the purpose of providing the Services.
- The Service Provider maintains up to date record of the receipt and submission of all communication related to providing the Services.

3.5 Invoicing and payment

- The Service Provider ensures that the requirement in terms of Section 20(4) (c) of the Value Added Tax Act, No. 89 of 1991 (as amended by the Revenue Laws Amendment Act 45 of 2003), that the VAT registration number of the recipient of the tax invoice, appears on the said tax invoice in order for the invoice to fully comply with the requirements of a valid invoice for VAT purposes as contained in the said Section 20 (4) (c), is adhered to. The Employer requires adherence by the Service Provider to this requirement, applicable from 1 June 2004. No payment will be made on tax invoices not fully meeting the requirement.
- The following details shall be shown on or attached to each Invoice to show how the amount due has been assessed:

The Contractor shall address the tax invoice to:

Free State Department of Education Mandate c/o
The Development Bank of South Africa
1258 Lever Road
Headway Hill
Midrand, 1685

Attention: Financial Accounting (AP) and include on it the following information:

- a. Name and address of the Consultant and the Employer's Agent;
 - b. The contract number and title;
 - c. Consultant's VAT registration number;
 - d. The Employer's VAT registration number 426 012 6711
 - e. Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
 - f. The date of the invoice
 - g. An Invoice number
 - h. Reference to Contract and/Invoice/Purchase Order number
 - i. A descriptive title of the service covered by the invoice and/or the Contract's Assessment number
 - j. A copy of the Assessment Certificate/ Signed Task instruction
- To enable payment against each applicable invoice the Employer's Agent and the Consultant signs next to each line acceptance of the service, materials or
 - Goods delivered on the applicable invoice. The signed copy of this invoice is forwarded (faxed or hand delivered) to the Contracts Administration Section.
 - The original invoices will go directly to DBSA Finance Department. The payment period will start from the date and time at which the invoice and all relevant documentation were received at this office.

3.6 Location of the works

The Works to be constructed are located in the area of jurisdiction of the Provincial Department of Education.

No.	Client Department	Region	Project Description
1	Department of Education	Jagersfontein	Boaramelo Secondary School

Temporary works

As the Works are to be constructed within a built up urban area, the Contractor will be required to carry out all temporary works that will be necessary to maintain the flow of traffic and to ensure that pedestrian and vehicular access is maintained to local residential buildings and businesses.

Recording of weather

The Contractor shall erect an effective rainfall gauge on the site and record the daily rainfall figures in a book. Such book shall be handed to the employer's representative for his signature no later than 1 day after rain that is considered to justify a compensation event occurs, but such signature is not an acknowledgement by the Employer that the event is a compensation event.

Unauthorised persons

The Contractor shall keep unauthorized persons from the works at all times. Under no circumstances may any person except guards be allowed to sleep on the building site.

Management meetings

A Schedule of meetings will be agreed with the contractor.

Daily records

The Contractor is instructed to keep a set of signed-off daily diaries.

Payment certificates

Monthly valuations of completed work, including materials on site is to be completed and presented to the client representative by no later than the 20th of each month to be assessed for payments. The payment certificate will be issued no later than the 25th of each month (Including Contractor's tax invoice) to the Project Manager or Supervisor for payment within 30 calendar days. Notwithstanding the above, the Employer may request the Contractor to submit claims every 2 weeks to foster better cash flow for the Contractor.

C3.3 PARTICULAR SPECIFICATIONS

In addition to the Standardized and Project Specifications the following Particular Specifications shall apply to this contract and are separately bound in hereafter.

PARTICULAR SPECIFICATION	PAGE NO.
HEALTH AND SAFETY BASELINE SPECIFICATIONS	Annexure A
BASELINE RISK ASSESSMENT	Annexure B
SHEQ POLICY	Annexure C
LOCALITY MAP	Annexure D
DBE NORMS AND STANDARDS	Annexure E

C3.4 DRAWINGS

3.4.1 TENDER DRAWINGS

Note: Concept Design Drawings available, project is Turnkey and EPC Contractor to conclude Detailed Design & Construction Drawings.

LIST OF DRAWINGS			
DRAWING NUMBER / SHEET NUMBER	CURRENT REVISION	CURRENT REVISION DATE	DRAWING DESCRIPTION / SHEET NAME
FSDoE 1	Rev 0		Automotive Workshop
FSDoE 2	Rev 0		Civil Services Floor plan
FSDoE 3	Rev 0		Construction Floor Plan
FSDoE 4	Rev 0		Welding Floor Plan

PART 4: SITE INFORMATION

Document reference	Title	No of pages
	This cover page	1
C4.1	<i>Locality Plan</i>	1
	Total number of pages	2

C4.1 LOCALITY PLAN

1. Boaramelo Secondary School, 1295 Seekoei Street, Itumeleng, Jagersfontein, 9974

