	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## VOLUME 3 OF 3


## THE CONTRACT

### DEVELOPMENT BANK OF SOUTHERN AFRICA

**TENDER NO. RFP 087/2021**

### CONSTRUCTION OF WATER, SANITATION AND FENCING AT QUMBU SENIOR PRIMARY SCHOOL IN THE EASTERN CAPE PROVINCE – Cluster B

<p><b>Implementing Agent:</b></p> <p>Development Bank of Southern Africa Limited 1258 Lever Road Midrand Johannesburg Gauteng 1685</p> <p>Contact: 011 313 3911 As per Tender Notice and Invitation</p>	<p><b>Project Manager:</b></p> <p>Ubendra Moodley – Construction Project Manager 1258 Lever Road Midrand Johannesburg Gauteng 1685</p> <p>Contact: 011 313 3911 As per Tender Notice and Invitation</p>
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	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## 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:

<b>Document Reference</b>	<b>Title</b>	<b>Page</b>
<b>C1:</b>	<b>AGREEMENT AND CONTRACT DATA</b>	<b>4</b>
C1.1	FORM OF OFFER AND ACCEPTANCE	5
C1.2	CONTRACT DATA	9
C1.2.1 :	CONDITIONS OF CONTRACT	10
C1.2.2 :	CONTRACT SPECIFIC DATA	15
C1.3 :	PERFORMANCE GUARANTEE	19
<b>C2 :</b>	<b>PRICING DATA</b>	<b>23</b>
C2.1 :	PRICING INSTRUCTIONS	24
C2.2 :	BILL OF QUANTITIES	26
C2.3 :	AMENDMENTS, QUALIFICATIONS & ALTERNATIVES	27
<b>C3 :</b>	<b>SCOPE OF WORK</b>	<b>28</b>
C3.1 :	PROJECT SPECIFICATIONS	30
C3.2 :	PARTICULAR SPECIFICATIONS	44
C3.3 :	LIST OF DRAWINGS	45
<b>C4 :</b>	<b>SITE INFORMATION</b>	<b>47</b>
C4.1 :	LOCALITY MAP	48
C4.2 :	EXISTING BUILDING – BUILDINGS OCCUPIED	49
<b>C5 :</b>	<b>APPENDICES</b>	<b>49</b>
C5.1 :	LAYOUT PLANS	49
C5.2 :	DETAIL DRAWINGS	49

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## THE CONTRACT


- C1 : AGREEMENT AND CONTRACT DATA**
- C2 : PRICING DATA**
- C3 : SCOPE OF WORK**
- C4 : SITE INFORMATION**
- C5 : APPENDICES**

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## PART 1: AGREEMENT AND CONTRACT DATA

**JBCC Principal Building Agreement (Edition 4.1 Code 2101 of March 2005)** issued by the Joint Building Contracts Committee Inc. (including amendments).

Document reference	Title	No of pages
C1.1	Form of Offer and Acceptance	4
C1.2	Contract Data	1
C1.2.1	Conditions of Contract	5
C1.2.2	Contract Specific Data	6
C1.3	Performance Guarantee	4
	Total number of pages	20

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## 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 087/2021– Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B**

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 INCLUSIVE OF VALUE ADDED TAX IS:

Rand.....  
.....(in words);

R ..... (in figures).

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, whereupon the tenderer becomes the party named as the service provider in the conditions of contract identified in the contract data.

Signature .....

Name .....

Capacity .....


#### For the tenderer

Name of Tenderer .....

Address of Tenderer) .....

Name of witness .....

Signature of witness ..... Date .....

	<p align="center"><b>VOLUME 3 OF 3</b></p> <p align="center"><b>JBCC</b></p> <p align="center"><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## 1.1 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 agreement)
- Part C2: Pricing data
- Part C3: Scope of work.
- Part C4: Site information
- Part C5: Appendices

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 deliver the security in terms of Clause 14 of the JBCC 2005 within the period stated in the contract Data, and he shall, immediately after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contract the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any other bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data, within 14 days of the date on which this Agreement comes into effect. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

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 notified the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract within parties.

Signature .....


Name .....

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 .....

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## 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 in to the final draft of the 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 addend 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.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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**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 .....



	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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<b>C1.2 CONTRACT DATA</b>
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Document reference	Title	No of pages
C1.2	Contract Data	1
C1.2.1	Conditions of Contract	5
C1.2.2	Contract Specific Data	6
C1.3	Performance Guarantee	4
	Total number of pages	16

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## C1.2.1 CONDITIONS OF CONTRACT

### **GENERAL CONDITIONS OF CONTRACT**

The Conditions of Contract are clauses 1 to 41 of the **JBCC PRINCIPAL BUILDING AGREEMENT, EDITION 4.1 CODE2101 MARCH 2005** published by the Joint Building Contracts Committee.

Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011-3154140), Master Builders Association (011-205-9000; 057-3526269) South African Association of Consulting Engineers (011-4632022) or South African Institute of Architects (051-4474909; 011-4860684; 053-8312003;)

The JBCC Principal Building Agreement makes several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the JBCC Principal Building Agreement.

Each item of data given below is cross-referenced to the clause in the JBCC Principal Building Agreement to which it mainly applies.

The Conditions of Contract make several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Specific Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Conditions of Contract or the Special Conditions of Contract.

The Contract Specific Data, General and Special Conditions of Contract shall have precedence over the Drawings, Scope of Work and Standardised Specifications in the interpretation of any ambiguity or inconsistency.


### **SPECIAL CONDITIONS OF CONTRACT**

#### **1. GENERAL**

These Special Conditions of Contract (SCC) form an integral part of the Contract. The Special Conditions of Contract shall amplify, modify or supersede, as the case may be, the Conditions of Contract of JBCC 2005 to the extent specified below, and shall take precedence and shall govern in the interpretation of any ambiguity or inconsistency between it and the Conditions of Contract.

The clauses of the Special Conditions hereafter are numbered “SCC” followed in each case by the number of the applicable clause or sub clause in the JBCC 2005, and the applicable heading, or (where a new special condition that has no relation to the existing clauses is introduced) by a number that follows after the last clause number in the Conditions, and an appropriate heading.

The Forms included in the JBCC Edition 4.1, Code 2101, March 2005 (“JBCC2005”), are replaced with the Forms included in this Tender Document.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## 2. AMENDMENTS TO THE JBCC 2005 CONDITIONS OF CONTRACT

### SCC 1.1 Definitions and Interpretation

#### SCC 1.10 Add the following new Clause:

**“SCC 1.10** The copyright in all **contract documents**, **contract drawings** and records (irrespective of who prepared any of the aforesaid) related in any manner to the **works** shall vest in the **employer** and the **contractor** shall not furnish any information in connection with the **works** to any person or organization without the prior written approval of the **employer** to this effect other than subcontractors appointed for purposes of this **agreement**.”

#### SCC 3.5 Delete sub-clause 3.5

#### SCC 3.7 Replace the second sentence starting in line 2 with the following:

“The **contractor** shall keep a copy of all drawings, schedules, unpriced **bills of quantities/lump sum document**, **contract instructions**, minutes of site and other meetings, health and safety files as specified in the scope of work, risk register, claims and variation order register, labour records and subcontractors contracts on the **site** to which the **employer**, **principal agent** and **agents** shall have access at all times. The **employer** has the right to call for such further information from the **contractor** it deems necessary in the event it carries out any investigation or audit into potential fraud, corruption, fronting, health and safety incidents or verifying information the **contractor** has to supply to the **employer** in terms of this agreement. The Contractor shall ensure a similar right for the Employer with its subcontractors.

#### SCC 3.10 In sub-clause 3.10 in the first line replace “**principal agent**” with “**employer**”


### SCC 7 COMPLIANCE WITH LAWS AND REGULATIONS

#### Add the following:

“7.3 The Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations 2014 will in all respects be applicable to this contract. All obligations in respect of health and safety requirements of the Contractor are set out in the Scope of Work”

#### 7.3.1 Contractor’s liability as mandatory

“Notwithstanding any actions which the **employer** may take, the **contractor** accepts sole liability for due compliance with the relevant duties, obligations, prohibitions, arrangements and procedures imposed by the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and all its regulations, including the Construction Regulations, 2014, for which the **contractor** is liable as mandatory. By entering into this **agreement** it shall be deemed that the parties have agreed in writing to the above provisions in terms of Section 37 (2) of the Act and will

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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enter into the mandatory agreement as set out in the Scope of Work. This clause will be sufficient to establish the mandatory obligations of the **contractor** in the event the parties fail to execute the aforesaid mandatory agreement.”

**SCC 14** Amend sub-clause 14.1

Retain sub-clause 14.1 but amend to read: “The **employer** shall have the right to choose the **security** to be provided in terms of 14.3 or 14.4 as stated in the **schedule**. The **contractor** shall provide the **security** required or chosen by the **employer** in the **schedule** substantially in the format prescribed in the tender documents that the **contractor** submitted a tender offer. The required **security** shall be provided in the time period prescribed by the **employer** in the conditional letter of acceptance of the **contractor’s** tender offer.

Amend sub-clause 14.3

Retain clause 14.3 but in the last line of sub-clause 14.3.1 replace “twelve point five (12.5%)” with “ten (10%)”.

Amend sub-clause 14.4

Retain clause 14.4 but in the last line of sub-clause 14.4.1 replace “seven point five (7.5%)” with “ten (10%)”.

Retain sub-clauses 14.5; 14.6 and 14.8 as is.

Amend sub-clause 14.7

Retain sub-clause 14.7 but in sub-clause 14.7.1 in the second and third line amend “two point five (2.5%)” to read “five (5%)”.

Add sub-clause 14.9


“A payment reduction of five (5%) of the value of each **payment certificate** up to a maximum of five (5%) of the **contract sum** will be applied until **practical completion**. At **practical completion** the amount withheld will be reduced to two point five (2.5%), which amount will reduce to nil (0%) when the **final account** is issued.

**SCC 15.1.1** Amend sub-clause 15.1

In sub-clause 15.1 replace “**principal agent**” with “**employer**”

**SCC 21** Replace sub-clause 21.1.2 to 21.1.4 and 21.2 to 21.6 with the following:

“The **contractor** and **principal agent** shall appoint a selected subcontractor in accordance

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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with the provisions of the Scope of Work.”

**SCC 23** Amend clause 23

Add sub-clause 23.3

“The **contractor** may not subcontract the whole of the work without the written instruction or approval of the **employer**. In such event the **employer** may require the **contractor** to cede the contract to the subcontractor.”

Add sub-clause 23.4

“The subcontractors appointed by the **contractor** to comply with the developmental and transformation requirements from the **employer** in terms of applicable legislation, including but not limited to the Preferential Procurement Policy Framework Act, 5 of 2000, and regulation thereto, will be domestic subcontractors for purposes of this **agreement**, and sub-clauses 23.1 and 23.2 will apply accordingly.

**SCC 30.1** Replace reference to “36.3” at end of sentence with “36.0”

**SCC 31.9** Sub-clause 31.9 is hereby amended by the substitution of the words "seven (7) **calendar days**" in the first line by the words "thirty (30) **calendar days**"

**SCC 31.12** Delete “Payment shall be subject to the **employer** giving the **contractor** a **tax** invoice for the amount due.”

**SCC 34.13** Delete the words in sub-clause 34.13 “subject to the **employer** giving the **contractor** a **tax** invoice for the amount due”

**SCC 40.0** Retention of clause 40 Clause 40 in respect of dispute settlement to be retained in its original form not applying the state clause amendments.

**SCC 41.0** Clause 41 State Substitutions is amended as set out below with reference to sub-clause 41.1 or the original clause number stated therein.


In sub-clause 41.1.3 delete the definition for **CONSTRUCTION PERIOD**;

**clause 39.2 to be amended as follows:**

delete the third sentence and replace with the following:


“The **employer** shall pay the **contractor** all amounts due in terms of the contract for work completed at the date of termination or cancellation in terms of this clause 39.2, including retention money after deducting any amounts due to the **employer**. The **employer** will also return any guarantees still valid to the **contractor** after such cancellation.”

Clauses 39.2.1 to 39.2.3 no clause

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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**SCC** Add sub- clause 41.1.4

**41.0** Notwithstanding any clause to the contrary, on cancellation of this **agreement** either by the **employer** or the **contractor**, or for any reason whatsoever, the **contractor** shall on written instruction, discontinue with the **works** on a stated date and withdraw himself from the **site**. The contractor shall not be entitled to refuse to withdraw from the **works** on the grounds of any lien or right of retention or on the grounds of any other right whatsoever.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## C1.2.2 CONTRACT SPECIFIC DATA

### Part One - Data provided by the *Employer*

#### 42.1.1 The Employer is the **Development Bank of Southern Africa Limited**

The address of the Employer is:

Address (physical): 1258 Lever Road, Headway Hill, Midrand, 1685

Address (postal): P.O. Box 1234, Halfway House, Midrand, 1685

Telephone: (011) 313 3911

Facsimile: (011) 313 3086

#### 42.1.2 The Principal Agent: *(Only to be inserted at contracting)*


Telephone: *(Only to be inserted at contracting)*

Facsimile: *(Only to be inserted at contracting)*

Electronic mail: *(Only to be inserted at contracting)*

Address (physical): *(Only to be inserted at contracting)*

Address (postal): *(Only to be inserted at contracting)*

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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**42.2.1** The Works to be carried out by the Contractor under this Contract comprise mainly the following:

Work Package	Project Description	Scope
1	QUMBU SENIOR PRIMARY SCHOOL	<p>The scope of work forming part of this project includes the following:</p> <ul style="list-style-type: none"> <li>• Site preparation including bulk earthworks and retaining walls.</li> <li>• Construction of one girls and female educator, one boys and disabled and one Grade-R VIP toilet block complete with electrical installation.</li> <li>• Construction of ramps and walkways between existing modular classrooms.</li> <li>• Paving to central quad and parking areas.</li> <li>• Construction of fenced Grade-R playing area, including jungle gym.</li> <li>• Stormwater drainage, channels, and berms.</li> <li>• Water supplies including drilling and testing of borehole and installation of new elevated water storage tank.</li> <li>• Installation of rainwater storage tanks and stands</li> <li>• Removal of existing fencing and installation of new weld mesh security fence.</li> <li>• Demolition of existing buildings used as decanting classrooms.</li> </ul>


**42.2.2** Refer document C4 – Site Information C

**42.2.3** The Works or installations to be undertaken by direct contractors comprises  
Not Applicable.

**42.2.4** The Employer is an organ of State

- The interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) will apply.
- Lateral support insurance is not to be effected by the contractor
- Payment will be made for materials and goods on site: Under no circumstances will deposits due to the contractor to any supplier or subcontractor for materials or equipment be paid prior to delivery to site thereof, after which it will be regarded as material and goods on site.
- Extended defects liability period will apply to the following elements:  
*All civil works such as roads, parking areas, stormwater & soil drainage*  
*All work done under electrical and mechanical subcontractor.*



	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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**42.2.5** Possession of the site is to be given within **three days** of the contractor providing the employer with construction guarantees in accordance with the provisions of 14.0 and the Contract has been signed by both parties.

**42.2.6** The period for the commencement of the works after the contractor takes possession of the site is **7 working days**.

**42.2.7** Completion:

For the works as a whole:

The date for **practical completion** from the date that possession of the site is given to the **contractor (including statutory holidays)** and the **penalty per calendar day**:

Contract Period: **8 Calendar months**

**Penalty: 4,0c per R100 of the contract value, excluding VAT per calendar day**

The penalty per calendar day shall be a maximum of **10%** of the contract value. Thereafter, the employer shall have a right during the identified delay period to intervene and accelerate the work or appoint a third party to assist or complete the works to reach practical completion at the planned period. The cost of the appointed third-party work shall be borne by the contractor.

**42.2.9** The law applicable to the agreement shall be that of the Republic of South Africa.

**42.3.1** Contract works insurance (construction guarantee) is to be effected by the contractor for a sum not less than the contract sum plus **10%**.

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)

**42.3.3** Public liability insurance to be effected by the contractor for the sum of **R10 000 000.00** with a deductible in an amount that the contractor deems appropriate.


**42.3.4** Lateral Support insurance: Deemed Not Applicable

**42.4.1** A waiver of the contractor's lien or right of continuing possession is required.

**42.4.2** One copy of the construction documents is to be supplied to the contractor free of charge.

**42.4.5** JBCC Engineering General Conditions are not to be included in the contract document.

**42.4.6** CPAP shall only be applicable to works that progress to later than twelve (12) months from commencement date. Where the period is prolonged beyond the first twelve months due to the delay or non- performance by the employer, the CPAP shall be applicable; however where the period is extended due contractor's failure to perform or delay caused by the contractor CPAP shall not be applicable. The contract value is to be adjusted using CPAP indices. The base month to be used to calculate CPAP is tender closing date. The value of

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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the certificates issued shall be adjusted in accordance with the JBCC Contract Price Adjustment Schedules, from the thirteenth month of the works.

- 42.5.4** The preliminaries amounts shall be paid in terms of Option A and the contractor shall not have the right to select Option B
- 31.3** The issue of an interim payment certificates shall be done no later than the **25<sup>th</sup>** of each month.
- 29.1.1** The contractor shall allow **eleven (11) working days** during the contract period per **6 months** for the adverse effect of weather conditions and shall not be entitled to a revision of the date for Practical Completion for delays suffered by adverse weather conditions.
- 14.5** The employer **will not** provide advanced payments against an advanced payment guarantee
- 14.2 and 14.4** The construction guarantee is to be a variable guarantee. It is and shall be **10%** of the contract sum.
- 40.0** Dispute resolution shall be by adjudication. If a dispute is unresolved by adjudication the dispute shall be finally settled by an arbitrator to be agreed between the parties.

## C1.2 CONTRACT DATA (Continued)

### Part Two – Data provided by the *Contractor*

Statements  
given in  
contracts


all

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

- The *Contractor* is

Clause 42.5.1: Name . . . . .  
*The legal name of the Contractor.*

Clause 42.5.1 [1.2]: Address . . . . .  
 . . . . .  
*The physical address, postal address, e-mail address and/or fax number where the Contractor will receive notices.*

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## C1.3 CONSTRUCTION GUARANTEE

### Pro-Forma JBCC Variable On Demand Performance Guarantee

To: The Development Bank of Southern Africa Limited

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]* [O] **Financial Services Board Registration number**
- 1.1.2 “Guarantor’s Address” - means [●]; *[Drafting Note: Guarantor’s physical address to be inserted]*
- 1.1.3 “Contract” - means the written agreement entered into between the Employer and the Contractor on or about [●] [●] 201[●] (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]*
- 1.1.4 “Contractor” - means [●] a [●] registered in accordance with the laws of [●] with registration number [●]; *[Drafting Note: Name and details of Contractor to be inserted]*
- 1.1.5 “Employer” - means The Development Bank of Southern Africa Limited, a juristic person in terms of section 2 of The Development Bank of Southern Africa Limited Act, 13 of 1979;
- 1.1.6 “Expiry Date” - means the [●] day of [●] *[Drafting Note: This date should align with the date of final completion]*;
- 1.1.7 “this Guarantee” - means this document;
- 1.1.8 “This Guaranteed Sum” – means, subject to clause **Error! Reference source not found.**, the sum of [● - figure] ([● - words]) *[Drafting Note: Maximum aggregate Guarantee amount (not exceeding 10.0% of the total of the Prices as at the Contract Date) to be inserted]* which amount will reduce with 50% when the Practical Completion certificate is issued until Final Completion.

	<p style="text-align: center;"><b>VOLUME 3 OF 3</b></p> <p style="text-align: center;"><b>JBCC</b></p> <p style="text-align: center;"><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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- 1.2 Words or expressions capitalised shall bear the same meaning as assigned to them under 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 the 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 the Employer, on written demand from the 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. A demand for payment under this Guarantee shall be made in writing at the Guarantor's address or by email to the following email [.....] and shall:
- 3.1 state the amount claimed ("the Demand Amount");
- 3.2 state that the Demand Amount is payable to the Employer in the circumstances contemplated in the Contract:
4. The Guaranteed Sum may be reduced from time to time upon receipt by the Guarantor of the Employer's written certificate certifying the amount of such reduction and the Contractor's entitlement thereto under the Contract.
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;
- 5.2 the 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 or termination of the Contract.
- 5.3 should the Employer cede its rights against the Contractor to a third party where such cession is permitted under the Contract, then the Employer shall be entitled to cede to such third party the rights of the Employer under this Guarantee on written notification to the Guarantor of such cession.

	<p align="center"><b>VOLUME 3 OF 3</b></p> <p align="center"><b>JBCC</b></p> <p align="center"><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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**6. The Guarantor's obligations in terms of this Guarantee:**

- 6.1 shall be restricted to the payment of money only and shall be limited to the maximum of the Guaranteed Sum; and
- 6.2 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 the Employer and the Contractor.

**7. This Guarantee:**

- 7.1 shall expire on the Expiry Date until which time it is irrevocable;
- 7.2 is, save as provided for in 5.3 above, personal to the Employer and is neither negotiable nor transferable;
- 7.3 shall be returned to the Guarantor upon the earlier of payment of the full Guaranteed Sum or expiry hereof;
- 7.4 shall be regarded as a liquid document for, firstly, the purpose of demonstrating and/or determining the amount due by the Guarantor to the Employer and, secondly, obtaining any court order; and
- 7.5 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.


**8. The Guarantor chooses the *domicilium citandi et executandi* for all purposes in connection with this Guarantee at the Guarantor's Address.**

Signed at \_\_\_\_\_ Date \_\_\_\_\_

For and behalf of the Guarantor, which signatories by appending their signatures warrant that they are authorised to bind the Guarantor as above stated:

Guarantor Signatory 1: \_\_\_\_\_ Guarantor Signatory 2: \_\_\_\_\_

Name: \_\_\_\_\_ Name: \_\_\_\_\_

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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Capacity of Guarantor

Capacity of Guarantor

Signatory 1: \_\_\_\_\_ Signatory 2: \_\_\_\_\_

Witness: \_\_\_\_\_

Witness: \_\_\_\_\_


(Printed Name of Witness)

(Printed name of witness)

\_\_\_\_\_

\_\_\_\_\_


**Guarantor's seal or stamp** \_\_\_\_\_

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## PART 2: PRICING DATA

**JBCC Principal Building Agreement, Edition 4.1 Code2101 March 2005**, issued by the Joint Building Contracts Committee Inc. (including amendments).


Document reference	Title	No of pages
C2.1	Pricing Instructions	2
C2.2	Bill of Quantities	1
C.2.3	Amendments, Qualifications and Alternatives By Tenderer	1
	Total number of pages	4

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## **C2.1 PRICING INSTRUCTIONS**

1. The Bills of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work (as amended) published and issued by the Association of South African Quantity Surveyors (Sixth Edition (Revised)), 1999. Where applicable the:
  - a) civil engineering work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardized Specifications for Civil Engineering Works.
  - b) electrical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Electrical Work, published by the South African Association of Quantity Surveyors, (July 2005).
2. The agreement is based on the JBCC Series 2000 Principal Building Agreement, prepared by the Joint Building Contracts Committee, Edition 4.1, March 2005. The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables are as stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
3. Preliminary and general 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. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
4. It will be assumed that prices included in the Bills of Quantities 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](http://www.stanza.org.za) or [www.iso.org](http://www.iso.org) for information on standards).
5. The drawings listed in the Scope of Works used for the setting up of these Bills of Quantities are kept by the Principal Agent or Engineer and can be viewed at any time during office hours up until the completion of the works.
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. Where any item is not relevant to this specific contract, such item is marked N/A (signifying “not applicable”)
8. The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminaries) of the Bills of Quantities.
9. The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor’s risk.
10. The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract.



	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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11. Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 10 but taking into account the revised period for completing the works.
12. The amount or items of the Preliminaries shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:
  - a) an amount which is not to be varied, namely Fixed (F)
  - b) an amount which is to be varied in proportion to the contract value, namely Value Related (V); and
  - c) an amount which is to be varied in proportion to the contract period as compared to the initial construction period excluding revisions to the construction period for which no adjustment to the contractor is not entitled to in terms of the contract, namely Time Related (T).
13. Where no provision is made in the Bills of Quantities to indicate which of the three categories will apply or where no selection is made, the adjustments shall be based on the following breakdown:
  - a) 10 percent is Fixed;
  - b) 15 percent is Value Related
  - c) 75 percent is Time Related.
14. The adjustment of the Preliminaries shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminaries shall exclude any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.
15. The contract sum must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the Bills of Quantities are net (exclusive of VAT) with VAT calculated and added to the total value thereof in the Final Summary.
16. The prices and/or rates to be inserted in the Bill of Quantities shall be the full inclusive prices to the Employer for the work described under the several items. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the Standard System of Measurement) patterns, models and templates, plant, temporary works, returning of packings, duties and taxes, imposts, establishment charges, overheads, profit and all other obligations arising out of the Contract.
17. Items left unpriced will be deemed to be covered in prices against other items throughout these Bills of Quantities and no claim for any extras arising out of the Tenderer's omission to price any item will be entertained.
18. The Tenderer must take note that this is a Bill of Provisional Quantities and that the total number of units will be re-measured.
19. The Tenderer must note that this is a fixed rate contract and that the Tenderer is not entitled to adjust the rates/prices for escalation.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## C2.2 BILL OF QUANTITIES

Use this page as a cover page to the *Contractor's Bill of Quantities*.


- 1) Tenderers are to ensure that adequate provision for the health and safety measures have been and provided detailed breakdown in the *Bill of Quantities*, as required by the Department of Labour.
- 2) The *Bill of Quantities as provided in Excel* must be populated in full, converted to PDF and signed and will be the document used for evaluation purposes.
- 3) Tenderers are also required to provide the same *Bill of Quantities but kept in Excel format*. This will be used to support verification of pricing errors.

I, \_\_\_\_\_ of \_\_\_\_\_,  
 (Authorised Signatory) (Company Name)

Hereby acknowledge having read, understood and agree to requirements as set out in C2.2 and warrant that the documents submitted are true and accurate.

\_\_\_\_\_  
 (Signature)


\_\_\_\_\_  
 (Date)

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## **G2.3 — AMENDMENTS, QUALIFICATIONS AND ALTERNATIVES BY TENDERER**


**Subject to condition stated in Tender Data:**

Use this page as a cover page to the *Amendments, Qualifications and Alternatives by Tenderer*

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## PART 3: SCOPE OF WORK

Document reference	Title	No of pages
	This cover page	1
C3.1	Project Specifications	12
C3.2	Particular Specifications *	1
C3.3	Drawings	4
*	Refer to Addendum A & B for additional pages	
	Total number of pages	18

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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# Contents

When the document is complete, insert a ‘Table of Contents’. To do this go to: Insert, → Reference, → Index and tables → Table of Contents. Three levels and the title (but not the subtitle) may be shown if the formats used in this template are retained.

## Contents

1. DESCRIPTION OF THE WORKS.....

30

2. DRAWINGS.....

32

3. PROCUREMENT.....

33


4. CONSTRUCTION.....

33

5. MANAGEMENT.....

37

6. DECANTING PLAN

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## C3.1 PROJECT SPECIFICATIONS

### 1. DESCRIPTION OF THE WORKS

#### 1.1. Employer's objectives

The Employer's objectives are to deliver public infrastructure using labour-intensive methods where possible as required by the Expanded Public Works Programme to provide temporary employment opportunities to local unemployed people and to provide training or skills development to these locally employed workers.


#### 1.2. Overview of the works

The Department of Basic Education has an objective to eradicate inappropriate school structures and provide basic services (water, sanitation and electricity) to schools so as to meet the optimum functionality levels prescribed by norms and standards for schools infrastructure.

#### 1.3. Extent of the works

The Works to be carried out by the Contractor under this Contract comprise mainly the following:

Work Package	Project Description	Scope
1	QUMBU SENIOR PRIMARY SCHOOL	<p>The scope of work forming part of this project includes the following:</p> <ul style="list-style-type: none"> <li>• Site preparation including bulk earthworks and retaining walls.</li> <li>• Construction of one girls and female educator, one boys and disabled and one Grade-R VIP toilet block complete with electrical installation.</li> <li>• Construction of ramps and walkways between existing modular classrooms.</li> <li>• Paving to central quad and parking areas.</li> <li>• Construction of fenced Grade-R playing area, including jungle gym.</li> <li>• Stormwater drainage, channels, and berms.</li> <li>• Water supplies including drilling and testing of borehole and installation of new elevated water storage tank.</li> <li>• Installation of rainwater storage tanks and stands</li> <li>• Removal of existing fencing and installation of new weld mesh security fence.</li> <li>• Demolition of existing buildings used as decanting classrooms.</li> </ul>

	<p style="text-align: center;"><b>VOLUME 3 OF 3</b></p> <p style="text-align: center;"><b>JBCC</b></p> <p style="text-align: center;"><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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#### **1.4. Services**

Before any work commences, the Contractor shall contact all private owners or public authorities controlling services so that they may, either protect, move or relocate any service as required, or confirm that all such work has been completed.

Payment will not be made for any inconvenience caused to the Contractor in regard to any services crossing the site or any authority working on or relocating any such services, nor will any delays caused by such work or relocation be accepted as a basis for claiming an extension of time for completing the works.

All known existing services and those services which require relocation and protection, are shown on the services plans. The Contractor's attention is drawn to the fact that such services information is based on information supplied by others, and the accuracy and completeness of this information has not been confirmed. The Contractor will therefore be required to proceed with extreme caution in order to avoid damage to existing services. Before commencing any work in the vicinity of services, the Contractor shall contact the relevant service authorities for assistance in locating the exact position of the services and where necessary the Contractor shall accurately locate the services by careful hand excavation.

In general, the Engineer may call upon the Contractor to re-excavate trenches previously dug and backfilled by others where in the opinion of the Engineer such work is necessary to ensure the stability of any other works over such trenches. This in no way relieves the Contractor of his responsibilities in terms of the works.

#### **1.5. Accommodation of Traffic**

~~The Contractor is to liaise with the Chris Hani District Municipality (for municipal roads) with regards to any temporary road closures as required during this contract.~~

~~Accommodation of traffic during construction shall be undertaken to the requirements and details provided by the Engineer.~~


#### **1.6. Coordination with Other contractors**

~~Other contractors, who are engaged in the construction of similar works, could be working within the sites of the Contractor. The Contractor will be required to provide all necessary assistance to them, and to liaise with them in respect of their programme in order to avoid any delays to either contract. See clause 5.6.6 of the Contract Data.~~

#### **1.7. Setting Out of Works**

Whilst surveys have been carried out of the site, and the designs based on such surveys, it is the responsibility of the Contractor to recheck all the benchmarks and protect the benchmarks from damage at the start of the contract. It is the Contractor's responsibility to set out the Works and any discrepancies in the design or setting out shall be identified and brought to the attention of the Engineer promptly so they can be corrected before any abortive expenditure is incurred.



	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## 1.8. Location of the works

The site incorporates a fully functioning school. The location of the schools is as follows:


SCHOOL	LOCAL MUNICIPALITY	DISTRICT MUNICIPALITY	LAT.	LONG.
QUMBU SENIOR PRIMARY SCHOOL (Emis No. 200600697)	Emalahleni Local Municipality	Chris Hani District Municipality	-31.66388	26.84569

A locality plan of the school is enclosed hereafter followed by a site image.

### Locality Plan – QUMBU SENIOR PRIMARY SCHOOL





	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## Site Image – QUMBU SENIOR PRIMARY SCHOOL



### 1.9. Buildings Occupied

Yes - and must remain in operation.

The onus rests on the contractor to carry out his work in a way that does not disrupt the normal learning process.


Tenderers are encouraged to establish by personal viewing of the school site the on-site conditions and any restrictions imposed by the surrounding existing buildings, limited access, condition of the roads, etc. No claims will be entertained due to poor road conditions, etc.

The contractor shall take all appropriate measures necessary for the general security and safety of the Site of the Works, including the provision of any temporary fencing, hoardings, dust screens, temporary signs, etc he deems necessary or are required by law, the cost of which shall be provided for in the Preliminaries Bill and no claims shall be entertained in this regard.

### 1.10. Occupational Health and Safety

The contractor needs to comply with the following legal requirements:

- Occupational Health and Safety Act, 1993 – Construction Regulations, 2014;
- Disaster Management Act, 2002 Regulations as amended;
- Occupational Health and Safety Measures in Workplaces COVID-19 (C19 OHS), 2020

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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- Annexure A - DBSA Occupational Health and Safety Baseline Specification;
- Annexure B - DBSA Baseline Risk Assessment;
- Annexure C - DBSA SHEQ Policy.
- Annexure D - Amended COVID-19 Health and Safety Baseline Specifications and Baseline Risk Assessment.

## 2. DRAWINGS

The drawings used for setting up the Bills of Quantities are as follows:

- Architects drawings
- Engineers drawings

*To be provided at site handover where applicable*

## 3. PROCUREMENT

### 3.1. Preferential procurement procedures

The works shall be executed in accordance with the conditions attached to preferences granted in accordance with the preference schedule.


### 3.2. ~~Scope of mandatory subcontract work~~

~~In the instance where works is to be subcontracted, competitive tenders shall be invited in respect of each portion of works in accordance with the relevant provisions of the latest edition of the CIDB Standard for Uniformity in Construction Procurement. The Contract Data in the associated procurement documents shall be based on the use of BIFSA Non-Nominated Subcontract for use with the JBCC Series 2000 Principal Building Agreement / CIDB Standard subcontract (labour only) / JBCC Series 2000 Nominated / Selected Subcontract Agreement / SAFCEC General conditions of subcontract (2003 edition) (select appropriate option) / NEC Engineering and Construction Subcontract / NEC Engineering and Construction Short Subcontract with minimal project specific variations and amendments that do not change their intended usage.~~

~~The Employer together with the Contractor shall evaluate the tenders received in accordance with the provisions of the Standard Conditions of Tender contained in Annex F of Standard for Uniformity in Construction Procurement. The evaluation panel shall comprise equal representatives from the Employer and from the Contractor.~~

~~The Contractor shall without delay enter into contract with the successful tendering subcontractor based on their accepted tender submission. The Contractor shall remain responsible for providing the subcontracted portion of the works as if the work had not been subcontracted.~~

~~The Contractor shall indicate within the list of proposed sub-contractors the names and copies of the registration documents of the proposed sub-contractor registered with the necessary councils.~~

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## 4. CONSTRUCTION

### 4.1. Applicable SANS 2001 standards for construction works

The following parts of SANS 2001 Construction works standards and associated specification data are applicable to the works:


- 1) SANS 2001BE1 – Earthworks
- 2) SANS 2001BS1 - Site Clearance
- 3) SANS 2001CC2 - Concrete works
- 4) SANS 2001CG1 - Glazing works
- 5) SANS 2001CM1 - Masonry works
- 6) SANS 2001CS1- Structural steel works
- 7) SANS 2001CT2 – Structural timber works
- 8) SANS 2001DP1 - Earthworks for buried pipelines and prefabricated culverts
- 9) SANS 2001DP2 – Medium pressure pipes
- 10) SANS 2001DP3 – Cable ducts
- 11) SANS 2001DP4 – Sewers
- 12) SANS 2001DP5 – Storm water drainage
- 13) SANS 2001DP6 – Belowground water installations
- 14) SANS 2001EM1 – Cement plaster

The abovementioned South African National Standards make several references to the Specification Data for data, provisions and variations that make these standards applicable to this contract. The Specification Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and these standards.

Each item of Specification Data given below is cross-referenced to the clause in the standard to which it mainly applies.

### 4.2. Applicable national and international standards

- Standardized Specifications for Civil Engineering Construction SANS 1200
- The National Building Regulations SABS0400
- Construction and Management Requirements for Works Contracts SANS1921-1
- Targeted Construction Procurement SANS1914-4 4.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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### 4.3 Local Employment Generation

**4.3.1** The DBSA has identified job creation and access to procurement opportunities by Start-ups, Small and Micro Enterprises (SMMEs) as an essential requirement towards building an economically viable country.

#### 4.3.2 General Labour minimum targets

It is mandatory that tenderers/bidders employ the minimum stipulated personnel on the contracts for the local community where the project is being implemented. This employment is outside the existing employees of the tenderers/bidders .

For the general labour force, the minimum number of people to be employed for the duration of the Project will be calculated from the formula below.

$$\text{Number of Employees} = 4 * \left[ \frac{(\text{Contract Value in Rand})}{R1,000,000} \right]$$

**4.3.3** Tenderers are to also note that it is an explicit condition of this tender that all unskilled labourers on the project are to be employed from the local community. The Contractor is therefore expected in general to maximise the involvement of the local community. Take note that the local labour employed must not be paid lower than the minimum approved Municipal rates in that district or area.

**4.3.4** The Contractor shall be required to submit employment data on a monthly basis to the Project Manager.

### 4.4 SMME


Should the contractor at Works Completion, be in default by non-attainment of the above mentioned labour intensive targets, the Employer shall have the right to, without prejudice of any other rights, apply a penalty of **not exceeding 5% of the contract sum**.

~~For subcontract work, 30% of the value of the work must be sub-contracted linked with a clear plan of how the contractor will capacitate the sub-contractor to advance.~~

Where SMMEs are sufficiently resourced, a minimum of 10% of the value of the work must be subcontracted. Where SMMEs are insufficient resources to execute the proposed works as a complete package the Contractor may conclude contracts on a management/labour basis in which event a minimum of 5% of the value the works is to be subcontracted. The onus is on the Contractor to prove to the employer that no fully fledged SMMES are active in the area of the project.

Regarding procurement of materials, local is hereby defined as the district in which the project(s) is/are located. The minimum target for materials sourced locally is 20% of the contract value.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Authorised Person)

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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#### **4.5 Specific provisions pertaining to SANS 1914-4**

#### **4.6 Definitions**

##### **Targeted enterprise:**

An enterprise which has its sole office of head office located within the Target Area

##### **Targeted labour:**

Unemployed persons who are employed as local labour on the project.

#### **4.7 Certification by recognized bodies**

*Not Applicable*

#### **4.8 Plant and materials provided by the employer**

*Not Applicable*

#### **4.9 Services and facilities provided by the employer**

*Not Applicable*

#### **4.10 Plant and equipment**

The plant and equipment used on the site shall not be inferior to that described in the Schedule of Plant and Equipment.


### **5. MANAGEMENT**

#### **5.1. SANS 1921 standards**

The SANS 1921 Construction works standards and associated specification data are applicable to the works:


The abovementioned South African National Standards make several references to the Specification Data for data, provisions and variations that make these standards applicable to this contract. The Specification Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and these standards.

Each item of Specification Data given below is cross-referenced to the clause in the standard to which it mainly applies.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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The associated Specification Data is as follows:

<p><b>SANS 1921-1, Construction and management requirements for works contracts – Part 1: General engineering and construction works</b></p>	
Clause	Specification data
<b>Essential data</b>	
4.1.7	The Contractor shall provide drawings and technical information for Modular Units and some of the equipment that is to be supplied as part of this Contract. The professional team will advise the Contractor upon appointment where supplementary information for equipment is required.
4.3.1	<p>The planning, programme and method statements are to comply with the following:</p> <ol style="list-style-type: none"> <li>1) Program to be submitted in Microsoft Project format</li> <li>2) Gantt chart to indicate critical path and progress</li> <li>3) Gantt chart to be updated before monthly site meeting</li> </ol>
4.3.3	The notice period for inspection is 2 Days
4.9.3	The trees and shrubs which are not to be disturbed are to be identified on site. Where possible, the disturbance of trees should be avoided.
4.14.3	<p>The office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</p> <ol style="list-style-type: none"> <li>1) <b>Site office</b> which shall be used solely by the Employer's Representative. Such an office shall comprise a minimum of 20m<sup>2</sup> in area and 3 m high, be ventilated, have good lamination, must be reasonably sound proof, and have a hard floor construction. It shall be furnished with a desk on which drawings can be rolled open and on which there is sufficient writing space and a minimum of three temporary chairs.</li> <li>2) <b>Site boardroom</b> which shall be used for site meetings and for the contractor's use. Such an office shall comprise a minimum of 20m<sup>2</sup> in area and 3 m high, be ventilated, have good lamination, must be reasonably sound proof, and have a hard floor construction. It shall be furnished with a desk on which drawings can be rolled open and on which there is sufficient writing space and sufficient temporary chairs or benches to accommodate all persons present at site meetings. <b>(Minimum 15 seater)</b></li> </ol>

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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	<p>3) The following facilities will be supplied to the employers representatives:</p> <ul style="list-style-type: none"> <li>- 15 Hardhats for employers representatives visiting the site</li> <li>- 15 Safety (High visibility) jackets for employer representatives visiting the site</li> <li>- 15 sets of safety Goggles</li> <li>- 15 sets of earplugs (when applicable)</li> <li>- COVID-19 PPE requirements</li> </ul>
4.14.5	The Contractor is required to provide latrine and ablution facilities for the exclusive use of the professional team and client
4.14.6	<p>The requirements for the provision and erection of separate sign boards for consultants and subcontractors are:</p> <p>1) See Bill of Quantities.</p>
4.17.1	<p>The requirements for the termination, diversion or maintenance of existing services are:</p> <p>1) See Civil Drawings.</p>
4.17.3	<p>Services which are known to exist on the site are:</p> <p>1) Services not indicated on drawings will be pointed out on site by the Principal Agent.</p>

#### **Additional clauses**

##### **1 Site meetings and procedures**

The Employer's Representative and the Contractor shall hold meetings relating to the progress of the works at regular intervals and at other such times as may be necessary. The Contractor shall attend all site meetings and shall ensure that all persons under his jurisdiction are notified timeously of all site meetings should the Employer's Representative require their attendance at such meetings.


The Contractor shall keep on site a set of minutes of all site meetings, daily records of resources (people and equipment employed), a site instruction book, a complete set of contracts working drawings and a copy of the procurement document and make these available at all reasonable times to all persons concerned with the contract.

##### **2 Water and electricity**

The Employer does not warrant that any water supply or electricity supply that may exist is adequate for the proper execution of the works. The responsibility strategies in terms of the tabulation below that will apply to the contract is:

- a) water : A
- b) electricity : A



 DEVELOPMENT BANK OF SOUTHERN AFRICA <i>Building Africa's Prosperity</i>	<b>VOLUME 3 OF 3</b>  <b>JBCC</b>  <b>THE CONTRACT</b>	<b>Tender No RFP 087/2021</b>  <b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b>
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Service	Option		
	A Contractor responsibility	B Employer responsibility	C
Water	The Contractor is to provide, and remove and make good upon completion, all the necessary temporary plumbing connections and purchase water from the local authority for the works at his own cost.	The Contractor shall make, and upon completion remove, all the necessary connections to the Employer's water supply at designated points and make use of water free of charge for construction purposes only.	The Contractor shall make, and upon completion remove, all the necessary connections and water meters to the Employer's water supply at designated points and be responsible for costs associated with all water consumed.
Electricity	The Contractor is to provide, and remove and make good upon completion, all the necessary temporary electrical connections and installations and purchase electricity from the local authority / ESKOM for the works at his own cost.	The Contractor shall make, and upon completion remove, all the necessary electrical connections to the Employer's electrical supply at designated points and make use of electricity free of charge for construction purposes only.	The Contractor shall make, and upon completion remove, all the necessary connections and meters to the Employer's electrical supply and be responsible for costs associated with all electricity consumed.


The following temporary services is the responsibility and will be supplied by the contractor:

- Security
- Sewer services in the form of temporary toilets
- Waste disposal

**SANS 1921-5, Construction and management requirements for works contracts – Part 5: Earthworks activities which are to be performed by hand.**

Clause	Specification Data
<b>Essential Data:</b>	
5.1	The depth of trenches which are to be excavated by hand is 1,5 metres.
<b>Additional clauses:</b>	
1	<b>Manufactured Elements</b>  Elements manufactured or designed by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not



	<p align="center"><b>VOLUME 3 OF 3</b></p> <p align="center"><b>JBCC</b></p> <p align="center"><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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	<p>individually, have a mass of more than 320kg. In addition, the items shall be large enough so that four workers can conveniently and simultaneously acquire a proper hand hold on them.</p>
<p><b>SANS 1921-6, Construction and management requirements for works contracts – Part 6: HIV/AIDS awareness.</b></p>	
<p>4.2.1(a)</p>	<p>A qualified service provider is a service provider that is accredited or provisionally accredited training service provider in the HIV/AIDS field.</p> <p>A list of accredited service providers can be obtained from the Construction SETA (CETA) (tel 011-265 5900), Health and Welfare SETA (HWSETA) (011-622 6852) or on the Health and Welfare SETA website: <a href="http://www.hwseta.org.za">www.hwseta.org.za</a>.</p>
<p>4.2.1(a)</p>	<p>The HIV/AIDS awareness programme is to be repeated at four-month intervals throughout the duration of the contract. (Four times in total, including the initial one at the start of the contract.)</p>
<p><b>Additional clauses</b></p>	
	<p>The duration of each workshop is not to be less than 2 ½ hours.</p>

## 5.2. 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 days after rain that is considered to justify an extension of time occurs.

## 5.3. 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.

## 5.4. Management meetings

A Schedule of meetings will be agreed with the contractor.

## 5.5. Daily records

The Contractor is instructed to keep a set of signed off daily diaries with specific detail relating to EPWP requirements.

	<p>VOLUME 3 OF 3</p> <p>JBCC</p> <p>THE CONTRACT</p>	<p>Tender No RFP 087/2021</p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## 5.6. Payment certificates

Payment Certificates will be done as per Clause 31.0 of the JBCC Principal Building Agreement Edition 4.1 March 2005. Payments will not be processed unless all the required job creation statistics and all supporting information are attached to the claim for payment.

## 5.7. Job statistics/targeted labour


The contractor must provide monthly statistics to the DBSA indicating the number of new jobs created through this contract. This statistic **must be provided with each monthly payment certificate** using the electronic prescribed format, which will be provided by the Project Manager of this project to the successful bidder.

### 5.7.1 Training of targeted labour (non-accredited training)

- The Contractor shall provide all the necessary on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract in a manner that does not compromise worker health and safety.
- The contractor shall be responsible for scheduling the training of workers and shall take all reasonable steps to ensure that each beneficiary is provided with a minimum of six (6) days of formal training if he/she is employed for 3 months or less and a minimum of ten (10) days if he/she is employed for 4 months or more.
- The Contractor shall do nothing to dissuade targeted labour from participating in training programmes.
- Proof of compliance with all the requirements must be provided by the Contractor to the Employer prior to submission of the final payment certificate.


### 5.7.2 Employment of local labour

- It is the intention that this Contract should make maximum use of the local labour force that is presently under-employed. To this end the Contractor shall limit the utilisation on the Contract of non-local employees to that of key personnel only and to employ and train local labour to the extent necessary for the execution and completion of this Contract.
- The Contractor shall fill in the form entitled Key Personnel in the Forms to be completed by the Bidder. The data stated on the above-mentioned form will be strictly monitored during the Contract period and any deviations there from shall be subject to the prior approval of the Principal Agent, which approval shall not be unreasonably withheld.
- The employment of casual labour will be done in co-operation with community leaders and local structures. The bidder shall ensure that all remuneration paid to employees is in line with the relevant sectorial determination in terms of the Basic Conditions of Employment Act, No 75 of 1997, as determined by the Department of Labour.

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## 6. DECANTING PLAN


Where temporary decanting structures are required in terms of the Site Development Plan (Refer Section C5), such structures shall be constructed in accordance with drawings provided by the professional team at the start of the project and before work commences on buildings in use. The Contractor shall programme the works as such and submit the programme to the Professional Team for approval of the sequencing of the works.

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## **C3.2 PARTICULAR SPECIFICATIONS**

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


<b><u>PARTICULAR SPECIFICATION</u></b>	<b><u>PAGE NO.</u></b>
HEALTH AND SAFETY BASELINE SPECIFICATIONS	Annexure A
BASELINE RISK ASSESSMENT	Annexure B
SHEQ : DBSA SHEQ POLICY	Annexure C
AMENDED BASELINE SPECIFICATIONS AND RISK ASSESSMENT FOR COVID 19	Annexure D

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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### C3.3 LIST OF DRAWINGS

A full list of drawings is provided below:

SECTION 01 – ARCHITECTURAL DRAWINGS	
5097-ASIDI-61-CLUSTER 7–QUMBU SPS	QUMBU SENIOR PRIMARY SCHOOL (SDP)
SECTION 02 – CIVIL DRAWINGS	
1876.82.GZI.01.U001	WATER AND SEWER LAYOUT
1876.82.GZI.04.U001	RETAINING WALL LAYOUT
1876.82.GZI.11.U001	PLATFORM DESIGN AND LEVELS
1876.82.GZI.11.X001	PLATFORM AND CROSS SECTIONS
1876.82.GZI.17.U001	FENCE LAYOUT
1876.00.00.GZA.03.D001	ROADS CROSS SECTION AND WALKWAY DETAILS
1876.00.00.GZA.03.D002	BULK EARTHWORKS METHODOLOGY
1876.00.00.GZA.04.D001	STORMWATER CROSSING BENEATH WALKWAYS AND COURTYARD
1876.00.00.GZA.04.D002	BERM, V-DRAIN, INLET AND OUTLET STRUCTURE DETAILS
1876.00.00.GZA.05.D001	THRUST BLOCK AND BEDDING DETAILS
1876.00.00.GZA.05.D002	BEDDING DETAIL
1876.00.00.GZA.06.D001	SEWER CONNECTION AND FRENCH DRAIN
1876.00.00.GZA.06.D002	SEWER DROP MANHOLE SECTION
1876.00.GZA.03.D002	BULK EARTHWORKS METHODOLOGY DETAIL
1876.00.GZA.04.D003	BRICKWORK DETAILS
SECTION 03 – STRUCTURAL DRAWINGS	
3067.30.01.SUA.14.A001	GENERAL NOTES
3067.30.01.SUA.14.A002	GROUP 2 TYPICAL DETAILS
3067.30.01.SUA.14.U200	GRADE R ABUTIONS LAYOUTS & SECTIONS
3067.30.01.SUA.14.U201	BOYS & GIRLS ABLUTIONS LAYOUTS
3067.30.01.SUA.14.U202	BOYS & GIRLS ABLUTIONS SECTIONS
SUA.14.R200A	450W x 250D STRIP FOOTING REINFORCEMENT
SUA.14.R201A	450W x 250D STRIP FOOTING REINFORCEMENT
SUA.14.R201B	750W x 250D STRIP FOOTING REINFORCEMENT

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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<b>SECTION 04 – ELECTRICAL DRAWINGS</b>	
3067.10.GZA.07.U003-QUMBU SPS-Layout1	PROPOSED SITE RETICULATION
3067.30.02.23.SUA.U000	ABLUTION LIGHTING LAYOUTS
<b>SECTION 05 – MECHANICAL DRAWINGS</b>	
3067.30.03.AAA.13.U008 Rev 1	COLD WATER AND SEWER LAYOUT

	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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## PART 4: SITE INFORMATION

Document reference	Title	No of pages
	This cover page	1
C4.1	<i>Site Location - Map</i>	1
C4.2	Existing Building Occupied	1
	Total number of pages	3



	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p><b>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</b></p>
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## C4. SITE INFORMATION


### C4.1 Locality Map:

QUMBU SENIOR PRIMARY SCHOOL is located in Zwart Water township / village approximately 50km from Queenstown in the Eastern Cape and falls within the Emalahleni Local Municipality.

School	Latitude	Longitude
QUMBU SENIOR PRIMARY SCHOOL	-31.66388	26.84569





	<p><b>VOLUME 3 OF 3</b></p> <p><b>JBCC</b></p> <p><b>THE CONTRACT</b></p>	<p><b>Tender No RFP 087/2021</b></p> <p>Construction of QUMBU SENIOR PRIMARY SCHOOL in the Eastern Cape within the Accelerated Schools Infrastructure Delivery Initiative (ASIDI) 46 Programme on behalf of the Department of Basic Education (DBE) – Cluster B</p>
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#### **C4.2: Existing Buildings Occupied**

The project consist of a site which incorporates a fully functioning school; as such the onus rests on the contractor to carry out his work in a way that does not disrupt the normal learning process. The Contractor must also ensure that none of his employees have a criminal record unless if the DBSA allows him to do so after due notice (10 working days minimum). Persons with criminal records, in particular crimes against minors in any form (sexual abuse etc) may not enter the site or work for the Contractor unless the DBSA has been notified in advance and given a chance to respond formally to the notification in (10) working days.

Tenderers are encouraged to establish by personal viewing of the school sites the on-site conditions and any restrictions imposed by the surrounding existing buildings, limited access, condition of the roads, etc. No claims will be entertained due to poor road conditions, etc.

The contractor shall take all appropriate measures necessary for the general security and safety of the Site of the Works, including the provision of any temporary fencing, hoardings, dust screens, temporary signs, etc he deems necessary or are required by law, the cost of which shall be provided for in the Preliminaries Bill and no claims shall be entertained in this regard. Refer clause 12.1 of the Schedule of Variables, Section B, Preliminaries, forming part of C2.2: Bills of Quantities.

### **C5. APPENDICES**

**The following reference drawings are provided for tender purposes:**

**C5.1** SDP and Project Specific Layout Drawings

**C5.2** Detail Drawings