

PROVINCIAL ADMINISTRATION OF KWAZULU-NATAL DEPARTMENT OF PUBLIC WORKS



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

BILLS OF QUANTITIES

with GCC for Construction Works - Second Edition 2010

CONTRACTUAL SECTION

ONE VOLUME APPROACH

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

Engineer/Principal Agent

Consult Three Architects & Associates
P.O Box 1740
Mount Edgecombe
Durban

4302

031 940 5258 - Tel Number
N/A - Fax Number
grant@consult3arch.co.za

Architect

Consult Three Architects & Associates
P.O Box 1740
Mount Edgecombe

4302

031 940 5258 - Tel Number
N/A - Fax Number
grant@consult3arch.co.za

Employer:

Head: Public Works
KZN Department of Public Works
Private Bag X 9041
PIETERMARITZBURG

3200
Tel Number: 033 - 8971300
Fax Number: 033 - 8971399

Region:

KZN Department of Public Works
Private Bag X 42

Ulundi
3838
Tel Number: 072 953 2608
Fax Number: 035-874 2519

Tender Number: ZNTU04276W

CIDB Grading: 4GB

ECDP Number: N/A

Project Code: 080773

Closing Date: 08 May 2026

Contracting Party: _____

CIDB Registration number: _____

Central Suppliers Database Registration Number: _____



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

THE CONTRACT



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

C1 - AGREEMENT AND CONTRACT DATA



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

FORM OF OFFER AND ACCEPTANCE

FORM OF OFFER AND ACCEPTANCE

Tender No - ZNTU04276W



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

C.1.1 - FORM OF OFFER AND ACCEPTANCE

THE OFFER AND ACCEPTANCE FORM IS BOUND INTO **SECTION 1** (See end of Returnable Documents) OF THIS DOCUMENT AS PART OF THE RETURNABLE DOCUMENTS. ONCE A CONTRACT IS CONCLUDED WITH A SUCCESSFUL TENDERER, THIS PAGE WILL BE REPLACED WITH THE FILLED AND SIGNED OFFER AND SIGN ACCEPTANCE BY THE EMPLOYER AND IT WILL BECOME PART OF THE CONTRACT.

PLEASE SUBMIT THE OFFER AND ACCEPTANCE FORM WITH THE OTHER RETURNABLE DOCUMENTS.



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

C1.2 - CONTRACT DATA

C 1.2 CONTRACT DATA: with GCC for Construction Works - Second Edition 2010	
CONTRACT DATA FOR:	
MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)	
Tender no:	ZNTU04276W
	The General Conditions of Contract are the clauses contained in the General Conditions of Contract (2010) (Second Edition) published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained through most regional offices of the South African Institution of Civil Engineering, telephone number 011 805 5947 or by visiting their website at www.saice.org.za.
	CONTRACT SPECIFIC DATA The following contract specific data are applicable to this contract:
	CONTRACT VARIABLES This schedule contains all variables specific to this document and is divided into pre-tender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of this agreement . Spaces requiring information must be filled in, shown as 'not applicable' or deleted <u>but not left blank</u> . Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross referenced to the applicable clause of the schedule. Key cross reference clauses are italicised in [] brackets. The Engineer/Principal Agent, in accordance with Clause 1.1.1.16, shall obtain the specific approval from the Employer before executing any of his functions according to the "Conditions under which Consultants are appointed", or in the event where an employee of the Employer represents the Employer, the relevant General Delegations applicable at the time of executing his/her duties as described in Clause 3.1.2.
Part 1: CONTRACT DATA PROVIDED BY THE EMPLOYER:	
PRE-TENDER INFORMATION	
CONTRACTING AND OTHER PARTIES	
[1.1.1.15]	Employer: Head: Public Works (KZN Department of Public Works: Province of KwaZulu-Natal) Postal address: Private Bag X 9041 PIETERMARITZBURG 3200 Tel: 033 - 8971399 Fax: 033 - 8971300
[1.2.1.2]	Physical address: 191 Prince Alfred Street PIETERMARITZBURG 3200
[1.1.1.16]	Employers Agent 1 Consult Three Architects & Associates Agent's service: Architect Postal address: P.O Box 1740 Mount Edgecombe 4302 Tel: 031 940 5258 Fax: N/A
	Employers Agent 2 Quantus Africa Quantity Surveyor Agent's service: Quantity Surveyor Postal address: P.O. Box 271 MELMOTH 3835 Tel: 713657497 Fax: N/A
	Employers Agent 3 Sileta Engineers Agent's service: Civil Engineers Postal address: PO Box 608 Ulundi 3838 Tel: 035 870 0138 Fax: 086 243 8219
	Employers Agent 4 Ulungeni Consulting Engineers Agent's service: Electrical Engineers Postal address: PO Box 1521 Empangeni 3850 Tel: 035 792 1026/7 Fax: 035 792 2283

Tender no: ZNTU04276W			
	<p>Employers Agent 5 N/A</p> <p>Agent's service: N/A</p> <p>Postal address: N/A N/A N/A</p> <p>Tel: insert N/A Fax: N/A</p>		
	<p>Employers Agent 6 N/A</p> <p>Agent's service: N/A</p> <p>Postal address: N/A N/A N/A</p> <p>Tel: insert N/A Fax: N/A</p>		
	<p>Employers Agent 7 N/A</p> <p>Agent's service: N/A</p> <p>Postal address: N/A N/A N/A</p> <p>Tel: insert N/A Fax: N/A</p>		
	<p>Employers Agent 8 N/A</p> <p>Agent's service: N/A</p> <p>Postal address: N/A N/A N/A</p> <p>Tel: insert N/A Fax: N/A</p>		
PART 1: DATA PROVIDED BY THE EMPLOYER			
[1.1.1.13]	<p>Defects Liability Period</p> <p>The defects liability period is: A time measured from the date of the Certificate of Completion. Defects Liability Period is 12 Months for the whole of the Works</p>		
Latent Defect Period			
[5.16.3]	The latent defect period is: <input type="text" value="5 years after the Final Approval Certificate"/>		
Documentation required before Commencement of the Works:			
[5.3.1]	The documentation required before commencement with the Works execution are;		
[4.3]	<table border="1"> <tr> <td>Health and Safety Plan</td> <td>The Contractor shall deliver his Health and Safety Plan of the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</td> </tr> </table>	Health and Safety Plan	The Contractor shall deliver his Health and Safety Plan of the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.
Health and Safety Plan	The Contractor shall deliver his Health and Safety Plan of the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.		
[5.6]	<table border="1"> <tr> <td>Initial Programme</td> <td>The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date.</td> </tr> </table>	Initial Programme	The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date.
Initial Programme	The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date.		
[6.2]	<table border="1"> <tr> <td>Guarantee</td> <td>The Contractor shall deliver his chosen Guarantee (security) for this Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</td> </tr> </table>	Guarantee	The Contractor shall deliver his chosen Guarantee (security) for this Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.
Guarantee	The Contractor shall deliver his chosen Guarantee (security) for this Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.		
[8.6]	<table border="1"> <tr> <td>Insurance</td> <td>The Contractor shall deliver his insurance for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</td> </tr> </table>	Insurance	The Contractor shall deliver his insurance for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.
Insurance	The Contractor shall deliver his insurance for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.		
	<table border="1"> <tr> <td>Cash flow by contractor</td> <td>The Contractor shall deliver his Cash flow for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.</td> </tr> </table>	Cash flow by contractor	The Contractor shall deliver his Cash flow for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.
Cash flow by contractor	The Contractor shall deliver his Cash flow for the Works within 14 calendar days after notice from the Employer, prior to the Commencement Date.		
	<table border="1"> <tr> <td>Priced Bill of Quantity</td> <td>The Contractor shall deliver his Priced Bill of Quantity within 14 calendar days after notice from the Employer, prior to the Commencement Date.</td> </tr> </table>	Priced Bill of Quantity	The Contractor shall deliver his Priced Bill of Quantity within 14 calendar days after notice from the Employer, prior to the Commencement Date.
Priced Bill of Quantity	The Contractor shall deliver his Priced Bill of Quantity within 14 calendar days after notice from the Employer, prior to the Commencement Date.		
	<table border="1"> <tr> <td>Programme</td> <td>The Contractor is required to submit his Programme of Works in terms of Clause 5.6.1 and 5.3.1 and the Principal Agent is required to approve this within 7 days in terms of Clause 5.6.3</td> </tr> </table>	Programme	The Contractor is required to submit his Programme of Works in terms of Clause 5.6.1 and 5.3.1 and the Principal Agent is required to approve this within 7 days in terms of Clause 5.6.3
Programme	The Contractor is required to submit his Programme of Works in terms of Clause 5.6.1 and 5.3.1 and the Principal Agent is required to approve this within 7 days in terms of Clause 5.6.3		
	<table border="1"> <tr> <td>Other requirements</td> <td></td> </tr> </table>	Other requirements	
Other requirements			
[5.3.2]	The time to submit the documentation required before commencement with Works execution is: <input type="text" value="14"/> calendar days		

	For the works in sections:
	The date for practical completion from the commencement date and the penalty per calendar day:
[5.5.1] [5.13.1]	Portion 1: 3 Calendar Months 0.04% of the Contract Price, rounded to the nearest R10
[5.5.1] [5.13.1]	Portion 2: N/A 0.04% of the Contract Price, rounded to the nearest R10
[5.5.1] [5.13.1]	Portion 3: N/A 0.04% of the Contract Price, rounded to the nearest R10
[5.5.1] [5.13.1]	Portion 4: N/A 0.04% of the Contract Price, rounded to the nearest R10
[5.5.1] [5.13.1]	Portion 5: N/A 0.04% of the Contract Price, rounded to the nearest R10
[5.5.1] [5.13.1]	Portion 6: N/A 0.04% of the Contract Price, rounded to the nearest R10
[1.3.2]	The law applicable to this agreement shall be that of the: Republic of South Africa
[6.10.1.5]	The percentage advance on materials not yet built into the Permanent Works is: 80.00%
[6.10.3]	Percentage retention on amounts due to contractor is: The Percentage retention is nil. The only security required by the Employer will be such as selected by the Contractor on the Form of Offer and Acceptance and Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR, point 2 - Documents, of the Contract Data. Maximum retention is: 0.00% of the Contract Price
[6.8.1] [6.8.2] [6.8.3]	Notwithstanding anything to the contrary contained in the General conditions of Contract and Preliminaries, this contract could only, when the <u>construction period exceeds 6 months and the contract exceeds R1,000,000.00</u> , be subject to a Contract Price Adjustment Factor. Clause 6.8.2 the last part of the sentence saying "calculated according to the formula and the conditions set out in the Contract Price Adjustment Schedule." must be replaced by "calculated according to the Contract Price Adjustment Provisions (CPAP) Indices Application Manual for use with P0151 indices (Revised 1 January 2013)" as published by Statistics South Africa. The Contract Price Adjustment Provision (CPAP) will be subject to the most recently released indices by Statistic South Africa. Tenderers are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Public Works will not accept the submission by Tenderers of lists of additional items."
[6.8.2] [6.8.3]	Where this contract is a Lump Sum contract, the contract will only be subject to Contract Price Adjustment Provisions (CPAP)(Revised 1 January 2013) where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings only.
[5.14.5]	The following clause must be added to clause 5.14.5: [5.14.5.6] The employers agent shall submit the final account within 3 calendar months to the principal agent.
[10.5] [10.5.3] [10.9.1]	The determinations of disputes shall be by ARBITRATION ONLY. The number of Adjudication Board Members to be appointed is: One Replace the last part of the clause with the following: ".on the application of either party, by the Chairman, or his nominee of the Association of Arbitrators."
	Where CPAP is applicable, the contract sum will be adjusted in accordance with the Contract Price Adjustment Provisions (CPAP) as set out in the CPAP Indices Application Manual as published by Statistics South Africa, dated 1 January 2013 and any amendments thereto: 1) Glass etc. measured in specialist section Metalwork, will be adjusted in terms of the index for that work group unless specifically stated otherwise in the bills of quantities. 2) In case of uninterruptible power supplies, elevators, escalators and hoists, generating sets, motor-alternator sets and intercommunication systems shall be adjusted in accordance with Work Group 170. 3) Further to clause 3.4.6 of the CPAP Indices Application Manual, the listing of additional items for exclusion by Tenderer's, will not be permitted. Alternative Indices: Not Applicable Details of changes made to the General Conditions of Contract for construction works (2010) Second Edition
[1.1] [1.1.1.5] [5.12.2.2] [6.2.1]	Clause [1.1.1.5] COMMENCEMENT DATE – means the actual date of Site Hand over that should not occur prior to the Tenderer receiving one fully signed copy of the Offer and Acceptance in terms of the Form of Offer and Acceptance. [5.12.2.2] ABNORMAL CLIMATIC CONDITIONS - means conditions over and above what could reasonably be expected for the specific locality where the Works are being executed and include inter alia excessive rain, heat, cold, wind and any other climatic condition that would not normally be experienced during the season that the Works are executed in that area. The South African Weather Service's (http://www.weathersa.co.za) 10 year average climatic conditions statistics would be what could be reasonably expected for the specific locality where the Works are executed. [6.2.1] CONSTRUCTION GUARANTEE – means an on demand guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the Offer and Acceptance Form and the contract data . CONSTRUCTION PERIOD – means the period commencing on the commencement date and ending on the date of due completion date . This period will be deemed to commence on actual site hand over date to the contractor and end on the date of practical completion and shall include all annual industrial holiday periods, Sundays and public holidays. CORRUPT PRACTICE – means the offer, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. FINAL ACCOUNT - The document prepared by the principal agent, which reflects the contract value of the works at final approval or termination. FRAUDULENT PRACTICE – means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any tenderer and includes collusive practise among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.

	<p>INTEREST – the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be in terms of the legislation of the Republic of South Africa, and in particular:</p> <p>(a) in respect of interest owed by the employer, the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975), will apply; and</p> <p>(b) in respect of interest owed to the employer, 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</p>
	<p>[1.1.1.16] ENGINEER/PRINCIPAL AGENT – means the person or entity appointed by the Employer and named in the Contract Data as the Engineer /Principal Agent to act as agent of the Employer. In the event of an Engineer/Principal Agent not being appointed, then all the duties and obligations of an Engineer/Principal Agent as detailed in the Contract shall be fulfilled by a representative of the Employer as named in the Contract Data. (Hereafter referred to as Engineer)</p> <p>[1.1.1.21] GENERAL ITEMS - or preliminaries means items stipulated in the Pricing Data relating to general obligations, site services, facilities and/or items that cover elements of the cost of the work which are not considered as proportional to the quantities of the Permanent Works.</p>
	<p>[4.4.1] Add the following to the clause 4.4.1: "<i>The Contract shall only use subcontractors who are duly registered with the CIDB and who has an ACTIVE status at the time of submitting the tender</i>"</p> <p>[6.2.1] Refer to Offer and Acceptance form for the various options that the contractor may choose from in providing a form of Guarantee under "GUARATEE OPTIONS".</p> <p>[6.10.6.2] Replace "<i>at the prime overdraft rate, as charged by the Contractor's Bank,</i>" with "<i>..at the interest rate as determined by the Minister of Justice and Constitutional Development from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No. 55 of 1975).</i>" Omit "<i>,on all overdue payments from the date on which the same should have been paid...</i>" and replace with "<i>only after 30 calendar days from receiving written notice from the Contractor that the amount is overdue,..</i>"</p>
[5.12.3]	<p>SPECIAL CONDITIONS OF CONTRACT</p> <p>Omit clause 5.12.3 and add the following: <i>"5.12.3. If an extension of time is granted, the Contractor shall be paid such additional time-related General Items, including for special non-working days, if applicable as are appropriate regarding to any other compensation which may already have been granted in respect of the circumstances concerned. The reasons for extension of time that would invoke payment of time related General Items are inter alia;</i></p> <p>5.12.3.1 <i>Failure to give possession of the site to the contractor.</i> 5.12.3.2 <i>Making good physical loss and repairing damage to the works where the contractor is not at risk.</i> 5.12.3.3 <i>Contract instructions not occasioned by default by the contractor.</i> 5.12.3.4 <i>Failure to issue construction information timeously or the late issue of a contract instruction following a request from the contractor.</i> 5.12.3.5 <i>Late acceptance by the principal agent of a design undertaken by a selected subcontractor where the contractor's obligations have been met.</i> 5.12.3.6 <i>Suspension or cancellation termination invoked by a nominated or selected n/s subcontractor due to default by the employer or the principal agent.</i> 5.12.3.7 <i>Insolvency of a nominated subcontractor.</i> 5.12.3.8 <i>A direct contractor.</i> 5.12.3.9 <i>Opening up and testing of work and materials and goods where such work is according to in accordance with the contract documents.</i> 5.12.3.10 <i>The execution of additional work for which the quantity included in the bills of quantities is not sufficiently accurate.</i> 5.12.3.11 <i>Late or failure to supply materials and goods for which the employer is responsible.</i> 5.12.3.12 <i>Suspension of the works."</i></p>
[5.14.5.1]	Omit entire clause 5.14.5.1
[5.16.4]	Add the following new clause "5.16.4. Upon the issue of a Final Approval Certificate, unless otherwise provided in the Contract: 5.16.4.1. The performance Guarantee (if any) shall be returned within 14 days to the guarantor in terms of Clause 7."
[6.2.2]	Replace the following " <i>..it shall be deemed that the Contractor has selected a security of ten percent retention of the value of the Works.</i> " with " <i>..it shall be deemed that the Contractor has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax.</i> "
[6.2.3]	Add to clause 6.2.3 the following " <i>The Contractor shall provide proof of paid-up premium payments to accompany his payment certificate as proof that his performance guarantee has not expired yet. The Contractor will not receive payment without proof of the validity of their performance</i>
[9.3.2.2]	Omit " <i>without prejudice to the exercise of any lien the Contractor may have acquired over the Employer's property.</i> " Duties and functions of the Engineer requiring the specific approval of the Employer BEFORE execution of any part of these duties are as follows: <p>(a) Determinations of contractors claims for extension of time (revision of the contract completion date). All claims for extension of time shall be submitted by the Engineer, together with the Engineer's recommendations, to the Employer for determination. Omit "Engineer" in clause 42.2</p> <p>(b) Drawings, instructions or communications of any kind requiring variations of the works and involving EXTRA's shall NOT be given effect by the Contractor UNTIL BOTH the "Official Variation Order" and the "Financial Request for Variation Order and Additional Funds" form, as issued by the Department of Public Works, have been approved and signed by the Employer.</p> <p>(c) Insurance policies to be approved by the Employer within 21 days of the date of the Commencement of the Works.</p> <p>(d) Any notice of disagreement raised by the Contractor or written Dispute Notice given by the Contractor to the Engineer shall be submitted by the Engineer, together with the Engineer's recommendations, to the Employer for determination.</p> <p>(e) The issue of the certificate of practical completion, certificate of completion and the final approval certificate shall be signed and submitted by the Engineer, to the Employer for final approval and signature. The certificates shall not be considered as officially issued until signed by the</p>
	<p>MANAGING PROJECT DURATION</p> <p>(a) The Contractor shall co-ordinate his programme with all other contractors whose work may precede or be executed simultaneously to his own. The Contractor will be called upon to plan and control the project using the Project Evaluation and Review Technique (PERT) or other approved Critical Path Method (CPM) network analysis of his events and activities and those of the sub-contractors in his employ and must co-ordinate his planning with any other contractor employed on the project. A fortnightly project control report will be expected from the Contractor in writing, evaluating any gains or delays against the critical path and he should allow for all costs involved in planning reviewing and updating the programme to the satisfaction of the Principal Agent against this item.</p> <p>(b) Activity-and total float shall belong to the Employer.</p> <p>(c) The Contractor shall deliver his programme of work within 10 calendar days after notice from the Employer, prior to the Commencement Date. It is a condition of this contract that, the contractor submit to the Engineer/principal agent a detailed CPM Programme which shall be to the approval of the Engineer/principal agent. In this regard tenderers are advised to consult with the Engineer/Principal Agent as to the format and requirements of the programme as no claim whatsoever will entertained should the programme fail to meet the requirements of the Engineer/Principal Agent. Failure to submit the programme within the stipulated time may result in the contractor being held in breach of contract.</p> <p>The approved programme will form the basis of time management of the project and extension of time will not be guaranteed unless the Contractor has strictly complied with this provision.</p> <p>The programme shall make allowance for rain and the number of rain days allowed within the critical path shall be on the provisions of the clause dealing with inclement weather and claiming for delays in performance in this bill.</p> <p>Allowance for the above must be made under this item as no claims for failing to comply with this precondition will later be entertained.</p>
	<p>INCLEMENT WEATHER AND CLAIMS FOR DELAYS IN PERFORMANCE</p> <p>(a) The Contract Sum includes a monthly allowance of 3 working days inclement weather during which rainfall exceeds 10mm per day for months as indicated in the Scope of Works. These days shall be reflected on the critical path of the Contractor's programme as specified in MANAGING PROJECT DURATION above.</p> <p>(b) Claims for delays in performance due to inclement weather shall be calculated separately for each calendar month and for the project as a whole.</p>

Delays or gains to the critical path shall be reflected in all revisions of the programme. An extension of time will only be granted where the following conditions are met:

- (i) The criteria to be used for WORK stoppages shall be for safety hazards or poor quality of work.
- (ii) The Employer's site representative or the Employer's Principal Agent, if the site representative is not available shall be notified when the Contractor stops the work and intends to claim performance delays. The Employer representative shall inspect the situation together with the Contractor and give an immediate decision.

1. The stoppage claimed must cause a delay in the Completion Date of work. If the critical activities can proceed and a non-critical activity is delayed due to inclement weather no claims for delay shall be granted.
2. No claims for stoppages less than 2(two) hours per day shall be considered.
3. Claims granted for more than 2 (two) hours, but less than 10 (ten) hour (lunch included) day, shall be added together and expressed as full days.
4. All claims shall be submitted in writing to the Principal Agent within one working day of the actual stoppage.
5. The total delay in performance granted to the Contractor expressed in days shall be added to the contractual Completion Date of each section of the Works. The contractual penalty clause shall only come into effect after this newly arrived date.
6. Total delays (in hours) will be rounded up or down to the nearest integer for the calculation of Working Days. The total hours (including lunch) per Working Day shall be 10 unless otherwise indicated on the Contractor's programme.
7. Where the programmed delays for inclement weather exceed the actual delays incurred the Completion Date(s) will not be adjusted.
8. Where the project includes builder's holidays the programmed durations for inclement weather shall be adjusted pro-rate to the actual Working Days.
9. The total of all monthly delays due to inclement weather shall be calculated in accordance with the example given below:

Description		Months					Total
		Sept	Oct	Nov	Dec	Jan	
		Hours	Hours	Hours	Hours	Hours	Hours
Programmed	Rain days	0	30	30	15	15	90
Actual	Rain days	16	22	35	15	18	106
Difference		-16	8	-5	0	-3	-16
Estimated Extension of time - in working days							2

8 hrs/day* **See point 5.2 in the Scope of Works for the specific days the tenderer must allow for in this contract.**

Tender no: ZNTU04276W **Part 2: CONTRACT DATA PROVIDED BY THE CONTRACTOR:**

POST-TENDER INFORMATION

Note: All information for this section requires consultation with the **Contractor**. The **Engineer/Principal Agent** shall not pre-select any of the alternatives available to the **Contractor**.

1 CONTRACT DETAILS

[1.1.1.9] **Contractor Name:**

[1.2.1.2] **Postal address:**

.....

.....

Tel no Fax no

Tax / VAT Registration No: e-mail address

Physical address:

.....

.....

[1.1.1.10] The accepted **contract price** inclusive of **tax** is R :
.....
[Amount in words]

Payment Of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)

The preliminaries amounts shall be paid in terms of:

*Alternative A	N/A
**Alternative B	N/A

* Assessed by the Engineer/Principal Agent as an amount prorated to the value of the Work duly executed in the same ratio as the Preliminaries bears to the Contract Price excluding VAT, Preliminary amount, Contingencies and any CPAP.

** Calculated from the priced Bill of Quantity/Lump Sum document. The Contractor and the Engineer/Principal Agent shall agree on a division of the priced Preliminaries items into: initial establishment charge, monthly charge and final disestablishment charge.

If the Contractor and the Engineer/Principal Agent can not agree, within 10 Working Days from the Commencement Date, on such a division then the Engineer/Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows;

10% of the General Items/Preliminaries amount shall not be varied

15% of the General Items/Preliminaries shall only be varied in proportion of the Contract Price to the Contract Sum

75% of the General Items/Preliminaries shall be varied in proportion to the revised Construction Period compared with the initial Construction Period.

Alternative A Adjustment of Preliminaries (Clause 6.7, 6.8, 6.10 and 6.11)

For the adjustment of Preliminaries both the Contract Sum and the Contract Value (including tax) shall exclude the amount of Preliminaries, all Contingency Sum(s) and any provision for Cost Price Adjustment Provisions:-

- An amount which shall not be varied.

- An amount varied in proportion to the contract value as compared to the Contract Sum.

- An amount varied in proportion to the Construction Period as compared to the initial Construction Period (excluding revisions to the Construction Period to which the Contractor is not entitled) to adjustment of the Contract Value in terms of the agreement.

The Contractor shall provide a breakdown of charges (including tax) within 15 working days of the date of acceptance of tender and, where applicable, an apportionment of Preliminaries per section

If the Contractor and the Principal Agent cannot agree, within ten (10) Working Days from the Commencement Date, on such a division then the Principal Agent shall make a division of the Preliminaries to be incorporated in the valuations for each monthly payment certificate as follows;

10% of the amount shall not be varied

15% varied in proportion of the Contract Value to the Contract Sum

75% varied in proportion to the revised Construction period compared with the initial Construction Period

Sectional Completion : Subdivision of Preliminaries Costs

For the adjustment of preliminaries for sections of the work the value of fixed, value, and time related amounts of the preliminaries for each section is required. The contractor is to provide such information within fifteen (15) working days of taking possession of the site, failing which the categorised preliminaries amounts shall be prorated to the value of each section.

The above shall apply equally for projects where sectional completion was not contemplated at tender stage but subsequently occurred on an adhoc basis during construction of the works as agreed between the client and the employer. The original priced categorised amounts for fixed, value, and time related amounts shall be prorated to the value of each section.

When an extension of time has been granted in terms of the GCC and the preliminaries require to be adjusted accordingly, the pertinent sectional (subdivided) categorised preliminaries amounts shall be utilised, where applicable and not the overall preliminary amounts.

Where sectional completion is required in terms of the agreement, the Contractor shall provide the Principal Agent with the division of the above categorized amounts into sections. Should the Contractor fail to provide such information within the period stipulated the categorized amounts shall be prorated to the value of each section.

YES *yes / no*

or

NO *yes / no*

Alternative B

The Contractor shall within 15 working days of the date of possession of the site provide the Principal Agent with a detailed breakdown of Preliminaries amounts for the works as a whole, or per section where applicable, including administrative and supervisory staff charges and for the use of construction equipment in terms of the programme.

The contractor is informed that only option 'A' shall apply

2 DOCUMENTS

Contract documents marked and annexed hereto:

Priced **Bills of Quantities:** Yes No

Lump Sum document: Yes No

Guarantee Options:

Not applicable

2.2 DESIGN BRIEF

Not applicable YES or NO

2.3 DRAWINGS YES or NO

See list of drawings/Annexure's attached to this document. YES or NO

2.4 DESIGN PROCEDURES YES or NO

Not applicable

Contract drawings: Yes No

Other documents:

Waiver of the Contractors lien or right of continuing possession is required. YES

GUARANTEE OPTIONS

The Tenderer agrees to provide a bank or insurance guarantee in accordance with clause 6.2.3 of the Conditions of the GCC2010 Contract within the period stated in the Contract Data. This guarantee shall be for a sum equal to an amount stated in the Contract Data.

Guarantees submitted must be issued by either an insurance company duly registered in terms of the Insurance Act (Long Term Insurance Act No 52 of 1998 or Short Term Insurance Act No 53 of 1998) or by a bank duly registered in terms of the Banks Act No 94 of 1990, on the pro-forma referred to above. No alterations or amendments of the wording of the pro-forma will be accepted.

(a) the tenderer accepts that in respect of contracts up to R1 million, a payment reduction of 5% of the contact value will be applicable and will be reduced by the Employer in terms of the applicable conditions of contract.

(b) in respect of contracts above R1 million, the Tenderer offers to provide security as indicated below: select one option

(i) cash deposit of 10 % of the Contract Price

(ii) bank or insurance Performance Guarantee of 10 % of the Contract Price

(iii) cash deposit of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT)

(iv) bank or insurance guarantee of 5% of the Contract Price and a payment reduction of 5% of the value certified in the payment certificate (excluding VAT)

NOTE: Where the Tenderer has not selected one of the guarantee options above, the default option will be as if the Tenderer has selected a security of a bank or insurance guarantee of 5% of the value of the Works and a payment reduction of 5% of the value certified in the payment certificate excluding value added tax. - See GCC2010 clause 6.2.2 as amended in Contract Data.

3 SIGNATURES OF THE CONTRACTING PARTIES

	Thus done and signed at.....onof.....20.....	
	Name of signatory	for and behalf of the Employer who by signature hereof
	Capacity of signatory	as Witness.
	Thus done and signed at.....onof.....20.....	
	Name of signatory	for and behalf of the Contractor who by signature hereof
	Capacity of signatory	as Witness.



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

C1.3 - FORM OF GUARANTEE

**C1.3 PERFORMANCE GUARANTEE -
 GCC FOR CONSTRUCTION WORKS (2nd Edition - 2010)**

Head: Public Works
 KZN Department of Public Works:
 Private Bag X 9041
 PIETERMARITZBURG
 3200

Sir,

ON DEMAND PERFORMANCE GUARANTEE

Tender Number ZNTU04276W

Project Code 080773

For use with the General Conditions of Contract for Construction Works, Second Edition, 2010.

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means: _____

Physical Address: _____

"Employer" means: The Provincial Administration of KwaZulu-Natal in its Department of Public Works

"Contractor" means: _____

"Engineer" means: _____

"Works" means:
**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION
 CONTRACT (WIMS 058813)**

"Site" means: _____

"Contract" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

"Contract Sum" means: The accepted amount inclusive of tax of: _____

Amount in Words:

"Guaranteed Sum" means: The maximum aggregate amount of: 10% _____
Of Contract Sum

Amount in Words: _____

"Expiry Date" means: _____

CONTRACT DETAILS

Engineer Issues: Interim Payment Certificates, Final Payment Certificates and the Certificate Completion of the Works as defined in the Contract.

PERFORMANCE GUARANTEE

- 1 The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
- 2 The Guarantor's period of liability shall be from and including the date of issue of this Performance Guarantee and up to and including the Expiry Date or the date of issue by the Engineer of the Certificate of Completion of the Works or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Engineer and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.
- 3 The Guarantor hereby acknowledges that:
 - 3.1 any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
 - 3.2 its obligation under the Performance Guarantee is restricted to the payment of money.
- 4 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
 - 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Engineer 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, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
 - 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
 - 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum Certified in 4.
- 5 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
 - 5.1 the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
 - 5.2 a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
 - 5.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
- 6 It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
- 7 Where the Guarantor has made payments in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Payment Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- 8 Payment by the Guarantor in terms of 4 or 5 shall be made with seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- 9 Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.

- 10 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- 11 The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
- 12 This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
- 13 This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
- 14 Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Court Act No 32 of 1944, as amended, to this jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at

Date

Guarantor's signatory (1)

Capacity

Guarantor's signatory (2)

Capacity

Witness signatory (1)

Witness signatory (2)



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

PART C2 - PRICING DATA

C2.1 PRICING INSTRUCTIONS
GCC FOR CONSTRUCTION WORKS (Second Edition 2010)

Project title:	MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)		
Tender no:	ZNTU04276W	Project Code:	080773

C2.1 Pricing Instructions

	<p>Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable")</p> <p>The adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories by insertion of "F", "V", "T" as the case may be against the price in the "rate" column immediately preceding the "amount" column, where "F" denotes a fixed amount (amount not varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount variable in proportion to time.</p>
1	<p>MASSES AND MEASURING UNITS</p> <p>These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto.</p> <p>The pages of each of these documents are numbered consecutively and before the Tenderer submits his tender he should check the number of pages, and if any are found missing or duplicated, or the figures or writing indistinct, or the documents contain any obvious error, he should apply to the Head : Public Works AT ONCE and have same rectified as no liability whatsoever will be admitted by the Administration in respect of errors in Tender due to the foregoing.</p>
2	<p>PRICES FOR VARIATIONS</p> <p>Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Head : Public Works and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.</p>
3	<p>SCALE</p> <p>The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.</p>
4	<p>PROVISIONAL ITEMS</p> <p>All items described as "Provisional" shall be used as directed by the Employer and measured and valued or paid for.</p> <p>No work for which "Provisional" items are allowed shall be commenced without written instructions from the Head : Public Works.</p>

5	<p>TIMELY ORDERING OF MATERIALS</p> <p>The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.</p>
6	<p>ELECTRICAL LIGHTING, POWER AND WATER</p> <p>The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Employer.</p> <p>The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.</p> <p>Tenderers are advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.</p>
7	<p>IMPORT PERMITS, DUTIES AND SURCHARGES.</p> <p>All tenders by means of which imported products are being called for, must use the rate of exchange 14 days prior to the closing date indicated in the tender documents. If this day falls on a weekend or public holiday, the next working day must be used.</p> <p>Furthermore, Tenderers must submit documentary proof (in the form of a certified copy) from their bank or legally recognised financial institution, clearly indicating what the rate of exchange was 14 days prior to the closing date, as mentioned above.</p> <p>Together with this, the Tenderer must confirm that the tender price relating to an imported product, was based on the rate of exchange 14 days prior to the closing date as mentioned above.</p>
8	<p>STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE TENDER DOCUMENTS</p> <p>The work executed under this Contract has been measured in accordance with the;</p> <p style="text-align: center;">Standard System of Measuring Builders Work (7th Edition)</p> <p>including all amendments unless descriptions of items indicate a deviation and it shall be understood that the system of measurement which is herein adopted is the only system of measurement which will be recognised in connection with this contract. Any contradictions to this system of measurement contained in the "Model Preambles for Trades 2008" shall be disregarded (unless same have been accommodated in the system of measurement) but applicable rates shall be included for all requirements stated and not measured separately in compliance with this system.</p>
9	<p>PRICING OF ROCK EXCAVATIONS</p> <p>It is a condition of this tender that should the tenderer elect to price the Rock Excavation included in this tender, the rates must be market related and should be identically priced for the same classification of excavations and not vary for similar billed items in the different sections.</p>

10	<p>BROAD BASED BLACK ECONOMIC EMPOWERMENT</p> <ol style="list-style-type: none"> 1. It is the deliberate policy of the Provincial Administration of KwaZulu-Natal to foster and to encourage the economic empowerment of Black South Africans. This policy will be implemented without prescription and without prejudicing the principles and the integrity of the Provincial Administration of KwaZulu-Natal. Subject to these constraints and also subject to good business practise and commercial consideration, it is therefore considered appropriate that the Provincial Administration of KwaZulu-Natal should encourage business relationships with companies which actively pursue Affirmative Action and Black Economic Empowerment Programmes. 2. In responding to this tender you are therefore encouraged to devote attention to these two subjects of Affirmative Action and Economic Empowerment. In addition, in considering the appointment of sub-contractors, you are requested to extend the spirit of these policies. 3. The foregoing enunciations of this policy are not intended to be prescriptive nor to preclude any individual or operation from responding to this tender.
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11	<p>REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE</p> <ol style="list-style-type: none"> 1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the varification functionality of key supplier information. 2. Prospective suppliers will be able to self - register on the CSD website: www.csd.gov.za 3. Once the supplier information has been varified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated. 4. Suppliers can provide their CSD supplier number and unique security code to organs of state to view their varified CSD information. 5. Tenderers are required to fill in clearly, legibly, in bold print and black ink their CSD supplier number in the space hereunder:
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Name of Supplier	
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Central Supplier Database (CSD) Supplier Number:	
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12	<p>TAX CLEARANCE REQUIREMENTS</p> <p>It is a condition of tender that the taxes of the successful tenderer must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the Tenderder's tax obligations. It is a condition of this Offer of Commission that your practice remains in good standing with SARS (South African Revenue Services) in terms of its tax clearance, during the project, which is required to process your payment certificates.</p> <ol style="list-style-type: none"> 1 In order to meet this requirement tenderers are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also applicable to foreign Tenderders / individuals who wish to submit Tenders. 2 SARS will then furnish the Tenderder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval. 3 In tenders where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN. 4 Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website www.sars.gov.za. 5 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za. 6 Tax Clearance Certificates may be printed via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.
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Security PIN Number	
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	Company / Entity Tax Reference Number	
13		<p>BILLS OF QUANTITIES/LUMP SUM DOCUMENT</p> <p>The Bills of Quantities document forms part of and must be read and priced in conjunction with all the other documents forming part of the contract documents, the Standard Conditions of Tender, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.</p>
14		<p>VALUE ADDED TAX</p> <p>The tender price must include for Value Added Tax (VAT). All rates, provisional sums, etc. in the Bills of Quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.</p>
15		<p>FIXED PRICE CONTRACT</p> <p>Should the Bills of Quantities/Lump Sum Document be a fixed price contract, the following clause must be inserted in the Pricing Instructions:</p> <p>Tenderders are to take note that the contract price adjustments are not applicable to this contract. Tenderders should therefore make provision in the Contract Sum, schedule of rates, etc. for possible price increases during the contract period, as no claims in this regard shall be entertained.</p>



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

**C2.2 - Preliminaries for GCC for Construction works - 2nd Edition
2010**

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)					
BILL NO. 1					
C2 .2 PRELIMINARY AND GENERAL					
	NOTES	UNIT	QUANTITY	RATE	AMOUNT
i)	The agreement is to be the General Conditions of Contract for Works of Civil Engineering Construction (2010) (Second Edition) , published by the S. A. Institution Of Civil Engineering.				
ii)	The Preliminaries are to be the Construction and management requirements for works contracts - Part 1: General engineering and construction works (SANS 1921-1: 2004 Edition 1) prepared by Standards South Africa and shall be deemed to be incorporated herein.				
iii)	Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.				
iv)	Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading.				
v)	Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable").				
vi)	Adjustment of the preliminaries: each item priced, is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time.				
vii)	Time (T) related Preliminaries will only be adjusted for omissions or additions, issued by the Employer, or delays caused by the Employer, for which variation and extension of time has been granted. See Contract Data.				
SECTION A: GENERAL CONDITIONS OF CONTRACT					
A1	General (clause 1) F:..... V:..... T:.....	Item			
A2	Basis of Contract (clause 2) F:..... V:..... T:.....	Item			
A3	Engineer (clause 3) F:..... V:..... T:.....	Item			
A4	Contractor's General Obligation (clause 4) F:..... V:..... T:.....	Item			
A5	Time and Related Matters (clause 5) - As referred to in the Contract Data under Special Condition of Contract. The Contract Period shall be deemed to include all Non – Working Days, Special Non – Working Days and the year-end Builders Annual Industry Holiday Periods. F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
A6	Payment and Related Matters (clause 6) F:..... V:..... T:.....	Item			
A7	Quality and Related Matters (clause 7) F:..... V:..... T:.....	Item			
A8	Risk and Related Matters (clause 8) F:..... V:..... T:.....	Item			
A9	Termination of Contract (clause 9) F:..... V:..... T:.....	Item			
A10	Claims and Disputes (clause 10) F:..... V:..... T:.....	Item			
<p>SECTION B: SANS 1921-1:2004 (Edition 1): CONSTRUCTION AND MANAGEMENT REQUIREMENTS FOR WORKS CONTRACTS: PART 1</p> <p>Refer to the SCOPE OF WORK for detail requirements:</p>					
B1	Scope F:..... V:..... T:.....	Item			
B2	Normative references F:..... V:..... T:.....	Item			
B3	Definitions F:..... V:..... T:.....	Item			
B4	Requirements for construction and management F:..... V:..... T:.....	Item			
B4.1	General F:..... V:..... T:.....	Item			
B4.2	Responsibilities for design and construction F:..... V:..... T:.....	Item			
B4.3	Planning, programme and method statements F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
B4.4	Quality assurance F:..... V:..... T:.....	Item			
B4.5	Setting out F:..... V:..... T:.....	Item			
B4.6	Management and disposal of water F:..... V:..... T:.....	Item			
B4.7	Blasting F:..... V:..... T:.....	Item			
B4.8	Works adjacent to services and structures F:..... V:..... T:.....	Item			
B4.9	Management of the Works and site F:..... V:..... T:.....	Item			
B4.10	Earthworks F:..... V:..... T:.....	Item			
B4.11	Testing F:..... V:..... T:.....	Item			
B4.12	Materials, samples and fabrication drawings F:..... V:..... T:.....	Item			
B4.13	Equipment F:..... V:..... T:.....	Item			
B4.14	Site establishment F:..... V:..... T:.....	Item			
B4.15	Survey control F:..... V:..... T:.....	Item			
B4.16	Temporary works F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
B4.17	Existing services F:..... V:..... T:.....	Item			
B4.18	Health and safety F:..... V:..... T:.....	Item			
B4.19	Environmental requirements F:..... V:..... T:.....	Item			
B4.20	Alterations, additions, extensions and modifications to existing works F:..... V:..... T:.....	Item			
B4.21	Inspection of adjoining structures, services, buildings and property F:..... V:..... T:.....	Item			
B4.22	Attendance on nominated and selected subcontractors F:..... V:..... T:.....	Item			
SECTION C: SCOPE OF WORK in accordance with SANS 10403 (The reference to Clauses refer to Table B.1 of SANS 1921-1:2004)					
C1	Certification by recognised bodies - CLAUSE 4.4 F:..... V:..... T:.....	Item			
C2	Agrément certificates - CLAUSE 4.5 F:..... V:..... T:.....	N/A			
C3	Other services and facilities - CLAUSE 4.8 F:..... V:..... T:.....	Item			
C4	Recording of weather - CLAUSE 5.2 F:..... V:..... T:.....	Item			
C5	Management meetings - CLAUSE 5.3 F:..... V:..... T:.....	Item			
C6	Daily records CLAUSE 5.6 F:..... V:..... T:.....	Item			
C7	Bond and guarantees - CLAUSE 5.7 F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
C8	Permits - CLAUSE 5.9 F:..... V:..... T:.....	Item			
C9	Proof of compliance with the law - CLAUSE 5.10 F:..... V:..... T:.....	Item			
SECTION D: SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 (Table A.1)					
D1	Requirements for drawings, information and calculations for which the contractor is responsible CLAUSE 4.1.7 F:..... V:..... T:.....	Item			
D2	The responsibility strategy assigned to the contractor for the works CLAUSE 4.2.1 F:..... V:..... T:.....	Item			
D3	The planning, programme and method statements - CLAUSE 4.3 F:..... V:..... T:.....	Item			
D4	Samples of materials, workmanship and finishes - CLAUSE 4.12.1 F:..... V:..... T:.....	Item			
D5	Fabrication drawings that the contractor is to provide and deliver to the employer - CLAUSE 4.12.2 F:..... V:..... T:.....	Item			
D6	Office for the foreman CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D7	Telephone - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D8	Office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D9	Telephone in office for inspector of works - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
D10	Sheds - CLAUSE 4.14.3 F:..... V:..... T:.....	Item			
Carried forward to collection				R	

		UNIT	QUANTITY	RATE	AMOUNT
D11	Provision and erection of signboards - CLAUSE 4.14.6 F:..... V:..... T:.....	Item			
D12	Termination, diversion or maintenance of existing services - CLAUSE 4.17.1 F:..... V:..... T:.....	Item			
D13	Services which are known to exist - CLAUSE 4.17.3 F:..... V:..... T:.....	Item			
D14	Detection apparatus - CLAUSE 4.17.4 F:..... V:..... T:.....	Item			
D15	Additional health and safety requirements - CLAUSE 4.18 F:..... V:..... T:.....	Item			
SECTION E: SPECIFIC PRELIMINARIES					
<u>Section E contains Specific Preliminary items which apply to this contract except where "N/A" (Not Applicable) appears against the item.</u>					
E1	PROPRIETARY BRANDED PRODUCTS The contractor shall take delivery of, handle, store, use apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instruction after consultation with the manufacturer's authorised representative. F:..... V:..... T:.....	Item			
E2	OVERTIME Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the Contractor unless the Engineer/Principal Agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the Employer. F:..... V:..... T:.....	Item			
E3	AS BUILT DRAWINGS The position of construction breaks and the extent of individual concrete pours are to be recorded by the Contractor on the Structural Engineer's drawings and are to be submitted to the Engineer/Principal Agent and the Structural Engineer for their records. F:..... V:..... T:.....	Item			
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SECTION E: SPECIFIC PRELIMINARIES		UNIT	QUANTITY	RATE	AMOUNT
E4	<p>SITE INSTRUCTIONS</p> <p>Site Instructions issued on site are to be recorded in triplicate in a Site Instruction book which is to be maintained on site by the Contractor.</p> <p>F:..... V:..... T:.....</p>	Item			
E5	<p>LABOUR RECORD</p> <p>At the end of each week the Contractor shall provide the Engineer/Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all sub-contractors on the works each day.</p> <p>F:..... V:..... T:.....</p> <p><i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the Employer (Head: Public Works) may apply any of the sanctions provided in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum per calendar day of which the required report has not been submitted.</i></p>	Item			
E6	<p>PLANT RECORD</p> <p>At the end of each week the Contractor shall provide the Engineer/Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p> <p>F:..... V:..... T:.....</p>	Item			
E7	<p>NON CESSION OF MONIES</p> <p>The Contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract.</p> <p>F:..... V:..... T:.....</p>	Item			
E8	<p>SECTIONAL COMPLETION</p> <p>When it is required that the contract be executed in sections or portions, the tenderer shall allow for all costs in this regard as no claim for additional costs will be entertained.</p> <p>F:..... V:..... T:.....</p>	Item			
E9	<p>LOCAL LABOUR</p> <p>It is a general requirement of this contract that persons normally resident in the locality of the works (Local Labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate Labour not be available within the locality, others may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ Local Labour. The Contractor shall identify the local community leaders with the purpose of negotiating with them regarding the utilization of Local Labour in the construction process. In this regard, the Contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth. The Contractor shall, in general, maximize the involvement of the local community.</p> <p>F:..... V:..... T:.....</p>	Item			
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		UNIT	QUANTITY	RATE	AMOUNT
E10	<p>IMPORT PERMITS AND DUTIES</p> <p>The responsibility for obtaining the necessary import permits shall rest with the successful Tenderer. No foreign exchange will be arranged or provided by the Administration.</p> <p>Tenderers are to allow in their tenders and pay the ordinary levy imposed on imported items in terms of item 196.10 of Part 8 of Schedule No. 1 of the Customs and Excise Act, 1964 with effect from 1 October 1989.</p> <p>F:..... V:..... T:.....</p>	Item			
E11	<p>CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)</p> <p>Notwithstanding anything to the contrary contained in the GCC for Construction Works 2010 2nd Edition, this Contract shall only when the Construction Period exceeds 6 months and the Contract sum exceeds R1,000,000,00 be subject to the Contract Price Adjustment Provisions Indices Application Manual for use with P0151 indices (CPAP) (Revised 1 January 2013) as published by Statistics South Africa. Tenderers are advised that with reference to Clause 3.4.6 of the Contract Price Adjustment Provisions (CPAP) Indices Applications Manual, the Head: Public Works <u>will not accept the submission by Tenderers of lists of additional items.</u></p> <p>Where this contract is a Lump Sum contract, the contract will be subject to Contract Price Adjustment Provisions (CPAP) only where the contract period equals or exceeds 6 calendar months. The applicable work group shall be WG 180 for domestic buildings or WG 181 for commercial and industrial buildings.</p> <p>F:..... V:..... T:.....</p>	Item			
E12	<p>EPWP CONDITIONS AND SPECIFICATIONS</p> <p>12.1 EMPLOYMENT TARGETS</p> <p><u>E12.1 a Employment Targets</u></p> <p>The contractor needs to provide a realistic estimate on the number of jobs that the project has the potential to create throughout the project duration as the project will be implemented using labour intensive construction methods on elements where it is economical and feasible for this construction method.</p> <p>No of jobs to be created = [Contractor to fill in an estimated number]</p> <p>F:..... V:..... T:.....</p> <p><u>E12.1 b Employment requirements</u></p> <p>Tenderers are advised that this contract will be subject to the Expanded Public Works Program (EPWP) aimed at alleviating and reducing unemployment.</p> <p>Tenderers must allow for any costs for the employment of unskilled labour as per the requirements of the EPWP program;</p> <ol style="list-style-type: none"> 1. 55% of unskilled labour to be women 2. 55% of unskilled labour to be youth aged between 18 and 35 years 3. 2% of unskilled labour to be people living with disability 4. 100% Unskilled labour utilised must reside within the boundaries of the Municipality Ward where this contract is executed, with preference to the local community closest or at the walking distance to the contract site. Wherever possible local skilled tradesmen are to be employed on this contract with the view to maximize utilization of local resources. <p>F:..... V:..... T:.....</p>	Item			
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	UNIT	QUANTITY	RATE	AMOUNT
<p>E12.1 c Labour rate and payment intervals The contractor should ensure that labour rate paid to unskilled local labour is commensurate to the daily task. When determining the rate, consideration should be given to that EPWP beneficiaries are mostly bread winners in their families, as the program intends alleviating poverty. There should also be consideration that the labour rate promotes creation of expanded number of jobs created and person days of work. Contractors should make endeavours to ensure that labourers, particularly unskilled are remunerated on fortnight basis and prior notification be made should there be a shortfall on their wages. The labour rate for local unskilled shall also be determined in consideration of the location of the project, i.e. for projects implemented in urbanized municipalities will not be the same as that for rural municipalities.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.2 LABOUR INTENSIVE CONSTRUCTION METHOD E12.2 a Labour Intensive Construction (LIC) method On site there must a person(s) having competency in managing and implementing LIC methods. *Foreman @ NQF Level 4 the Unit Standard on Implementing LIC methods on site. *Site Agent/ Managers @ NQF level 5 the Unit Standard on Manage Labour-Intensive Skills Programme both must be CETA accredited</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.2 b Labour Intensive Construction Method Those parts of the contract to be constructed using Labour Intensive methods will be marked in the BoQ with letter LI (indicating Labour Intensive) against every item so designated. Such works will only be constructed using method so indicated.</p> <p>Reference to be made to Guidelines for the implementation of Labour Intensive Infrastructure projects under EPWP. "Scope of Work in Respect of Work Relating to the Expanded Public Works Programme (EPWP)"</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.3 RECORD KEEPING 12.3.1 Every employer must keep in the project site office the following minutes of site progress minutes; contractors' monthly site progress reports; accurately recorded attendance register; proof of payment as means to verify authenticity of data in the EPWP Beneficiary form submitted with payment certificates. Copies of submitted EPWP beneficiary data forms should also be kept in the site office.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.3.2 The employer must keep this record for a period of at least three (3) years after the completion of the project in his/her office as the project site office would have been relocated.</p> <p>This should be safely kept for job creation data verifications and periodical audits on projects conducted by National and Provincial Department of Public Works after one (1) or two (2) quarters of submitting captured EPWP Data to the National EPWP coordinating Department.</p> <p>F:..... V:..... T:.....</p>	Item			
Carried forward to collection			R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>E12.4 EPWP REPORTING as per EPWP DATA FORM At the end of each month as part of site progress report and to be attached to every contractors' progress payment certificate; the contractor shall provide the principal agent & Public Works with a written records, as per EPWP data form; which will be reflecting, beneficiaries full name & surname; ID No and job description of labour employed by main contractor and sub-contractors on site. At the end of each month the contractor must submit the following documents to be attached to the Progress payment certificate:</p> <ol style="list-style-type: none"> 1. EPWP monthly data collection form 2. Worker monthly payment upload 3. Worker monthly proof of payment i.e <ol style="list-style-type: none"> 3.1 Acknowledgement of receipt of payment or 3.2 Payslips 3.3 Bank statement highlighted the workers paid 4. Worker monthly training form 5. Monthly attendance register 6. Certified copies of ID's (once off) 7. ID size photos (once off) 8. Proof of UIF 9. Proof of COIDA <p>F:..... V:..... T:.....</p>	Item			
<p>E12.5 EPWP PROMOTION 12.5.1 EPWP signage board EPWP Program at the project level shall always be promoted through have the projects signage board that embrace EPWP logo at the bottom, correct measurement for this signage board will be provided by the project leader during the site handing over meeting. the standard "HELVETIVA MEDUIM " letters are to be used . Professional title to be 10 mm above line . Line thickness to be 8 mm thick . Space between bottom of the line and bottom of the lettering below the line has to be 100 mm. Letter sizes are as follows : Helvetica meduim 100 mm black upper case to be for project name and owner . Helvetica meduim 75mm black upper case only to be used for professional titles. Project name and owner shall be black lettering on white background. board sizes are as follows : Board to be minomum 2000mm from ground level and to be constructed from reinforced formed chromadek panels minimum 0,6mm thick chromadek. The contractor is responsible for ensuring that the project board remains neatly and safely erected for the full duration including maintenance period, after which the project board and post are to be dismantled and handed to the client in good order.</p> <p>F:..... V:..... T:.....</p>	Item			
<p>12.5.2 Branding of labour apparel Contractor & Sub-contractors' labourers shall be provided with EPWP branded Personal Protective Equipment (PPE), reflector vest with EPWP wording at the back is an ideal and cost effective means of promoting program on site.</p> <p>The contractor is then advised to price for both item 17.5.1 and 17.5.2</p> <p>F:..... V:..... T:.....</p>	Item			
<p>E12.6 COMMUNITY LIAISON OFFICER (CLO) UTILISATION OF A COMMUNITY LIAISON OFFICER In addition to the requirements of Clause E9, contained in this document; The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer (CLO) for the full duration of this contract</p> <p>In the interest of providing a sound service to both the community and the Contractor, a CLO may only manage one project at a given time.</p> <p>A CLO will be identified by the local structures of the ward areas and appointed following fair and transparent interviewing process, to be conducted in the presence of local structures and the contractor representative, in order to assist the Contractor in the procurement of any local labour, etc. required for this project. The Contractor is to liaise with the CLO and afford him any assistance needed in ensuring sound working relations with the local community.</p>				
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	UNIT	QUANTITY	RATE	AMOUNT
<p>1. Assisting local leadership in conducting skills and resources audit which facilitates sourcing labour from within the ward or targeted areas for employment, as required by contractor.</p> <p>2. Assisting in sourcing labour-only domestic sub-contractors and the procurement of materials from local resources, as required by the contractor.</p> <p>3. Assisting the contractor by identifying areas of potential conflict and or threats to the project or to stakeholders in the project and recommend appropriate action to the contractor.</p> <p>4. Assisting contractor and stakeholders in the project in the resolution of any conflict which may arise.</p> <p>5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained.</p> <p>6. Establish and ensuring that efficient and open communication channels between the contractor and the community are maintained</p> <p>7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommend courses of action and facilitate such communications</p> <p>8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommenda-tion to the Contractor regarding the grievances and solution thereto.</p> <p>9. Attending to site meetings and project implementation meetings as required by the Contractor and prepare periodic reports as may be required by the Contractor from time to time.</p> <p>10. Attending to such other duties which are consistent with the functions of a CLO, as may be required by the Contractor from time to time.</p> <p>Tenderers are to price twice the rate of unskilled local labour rate against this item for any and all costs arising out of compliance with the foregoing and in the event of a Tenderer failing to price against this item or making inadequate financial provision against this item for compliance as aforesaid, then no claim for costs or additional cost incurred will be entertained by the Head: Works</p> <p>F:..... V:..... T:.....</p> <p>E12.7 SKILLS DEVELOPMENT ON SITE Contractor in conforming to the object of EPWP that its beneficiaries need to be capacitated with skills that will render them employable in the future. It is then the responsibility of the Contractor that mandatory life skills are provided to 100% of workforce on site and on the job training to labourers from whom the potential for further development has been identified. The latter is not mandatory to all as it covers technical skills.</p> <p>Contractor should also make provision for the possibility that there might be local youth that will need to be placed on the project with an intention to be provided support towards improving their level of competency and productivity.</p> <p>Contractor shall also provide all necessary on-the-job training to targeted labour to enable such labour to master and advance on techniques required to undertake the work in accordance with requirements of the contract in a manner that does not compromise workers health and safety.</p> <p>F:..... V:..... T:.....</p> <p>E12.8 LABOUR ONLY Sub Contracting for local emerging enterprises Tenderer's are advised that this contract is subject to the Expanded Public Works Programme (EPWP) and the following criteria will apply:</p> <p><u>African Equity Ownership</u> a) The Tenderer is to allow for 5% of the total value of works to be undertaken by a Priority Population Group. This percentage excludes the costs of employing local unskilled labour. The allocation of this percentage from the Project, the screening of people, the selection of skills, will be for the Contractor to adjudicate.</p>	Item			
	Carried forward to collection		R	

	UNIT	QUANTITY	RATE	AMOUNT
<p>b) The Priority Population Group consists of women, youth and disabled people.</p> <p>c) The Contractor is to give first option for prospective PPG's from the surrounding areas of the Project. Should there be insufficient suitable people fitting the criteria of PPG's, the Contractor may hire people from further afield. This is to be done only after consultation with the Department of Works EPWP Co-ordinator and the Community Liaison Officer (CLO).</p> <p>d) A Mentor is to be employed by the Contractor, in consultation with the Department of Works for the purposes of quality control and liaison between the Contractor and the selected PPG's on site. The mentor will be responsible for ensuring an acceptable level of quality workmanship and that such work carried out by the PPG's is executed within the time frames stipulated.</p> <p>In so far as possible, the Contractor is encouraged to expand the PPG's skills, knowledge and performance levels.</p> <p>F:..... V:..... T:.....</p> <p><u>TENDERER'S TO NOTE CONDITIONS</u></p> <p>a) The contract to be entered into between the Contractor and the PPG's will be a LABOUR ONLY sub-contract.</p> <p>b) The Contractor will be responsible for ensuring that all materials for use by the PPG's in the works are to be on site timeously. The Contractor shall liaise with The Mentor and PPG to determine the nature and extent of materials required and the lead time necessary.</p> <p>c) The Contractor shall be responsible for the overall programming of the Works and he is to allow for monitoring the PPG's programme and progress.</p> <p>d) In conjunction with the Mentor, he is to allow for the supervision and mentoring (where necessary) of the PPG to ensure quality and adherence to standard building practice</p> <p>e) The Contractor is to allow for extra storage facilities on site for the PPG's tools and equipment.</p> <p>f) Basic tools shall be provided by the PPG's and where these are not available; the Contractor will supply him with the necessary tools and equipment and deduct the costs thereof from the interim claims made by the PPG.</p> <p>g) Work requiring specialized tools will be provided free of charge by the Contractor with the provision that these be returned upon completion of the Work.</p> <p><u>CO-ORDINATION</u></p> <p>The Contractor is to co-ordinate the work of all the PPG's, Sub-Contractors and Nominated Sub- Contractors appointed direct by the Employer in such a manner and at all times as will suit the building programme and he is to allow adequate access, for the PPG's, where required, to carry out their work in an efficient manner as no claims for extras in this connection will be entertained.</p> <p>F:..... V:..... T:.....</p> <p><u>ATTENDANCE</u></p> <p>The Contractor may allow for attendance upon the PPG's concerned to execute the work. The Contractor is to allow the PPG's the use of any scaffolding</p> <p>Where scaffolding is necessary for the use by any PPG and the Contractor has not erected any for his own use or has removed same after his own use, the Contractor shall supply sufficient scaffolding to the PPG to be erected and dismantled by the PPG and returned to the Contractor.</p> <p>This attendance upon PPG's to execute the work is to include for the scaffolding provisions as aforesaid and, in addition, is to include for co-operating to the fullest extent with all the parties, attending on off-loading materials, providing suitable storage for tools and materials used by the PPG's, use of general facilities such as latrines, etc., supply and cost of power, lighting, water and the like.</p> <p>F:..... V:..... T:.....</p>	Item			
	Item			
	Item			
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		UNIT	QUANTITY	RATE	AMOUNT
	<p>E12.9 EPWP CONTRACT FOR LABOUR It is compulsory that shortly after the contractor and or sub contractor has appointed local labour, the employment contract should be signed by both parties, prior to commencement with works on site. The employment contract forms part of the Ministerial Determination or from the regional EPWP officials. Each contract will lapse at the end of each financial year therefore requiring the Contractor to do a renewal of each contract should the need of employment still exist for that particular labourer.</p> <p>F:..... V:..... T:.....</p> <p>E12.10 EPWP SCOPE of WORK Note: Contractors are to price any item on the Bill of Quantities having below, bearing in mind that they are regarded as main sources of job creation, whether sub contracted or undertaken by the main contractor.</p> <p>Elements on the scope of work where application of Labour Intensive Construction methods as will indicated with letters (LI) are regarded feasible are as follows;</p> <p>i) Excavating trenches for foundations and any other civil works with the depth not more than 1.5 m</p> <p>ii) All masonry works which include concrete mixing on site; brickwork; plastering; screed works; jointing; etc.</p> <p>iii) Painting, Plumbing, Ironmongery; roof cladding; glazing; tiling; carpentry; flooring; waterproofing; etc.</p> <p>F:..... V:..... T:.....</p> <p>Note: It is a general requirement of this contract that persons normally resident in the ward of the works (local labour) be given preference for employment on the contract. Provided, however, that should adequate and appropriate labour not be available within the ward, others may be employed subject to satisfactory proof being provided that every reasonable endeavour has been made to employ local labour (Local Sub-contractor(s); Skilled; Semi-Skilled and Unskilled). The contractor shall in consultation with the local community leaders with the purpose of negotiating with them regarding the utilization of local resources in the construction process. In this regard, the contractor shall furthermore give preference, wherever possible to the employment of single heads of households, women and youth as well as families declared as most indigent by War on Poverty/ Sukuma Sakhe program profiling process. The contractor should aim, in general, to maximise the involvement of the local community, however workers from other communities should not exceed 20% of all persons working on the project, where local employees possess skills at level of competency that meet contractors requirements.</p> <p><u>Payment for the labour-intensive component of the works</u> Payment for works identified in the Scope of Work as being labour-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the Scope of Work. Any non-payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.</p> <p><u>Linkage of payment for labour-intensive component of works to submission of project data</u> The Contractor's payment invoices shall be accompanied by labour information for the corresponding period in a format specified by the employer. If the contractor chooses to delay submitting payment invoices, labour returns shall still be submitted as per frequency and timeframe stipulated by the Employer. The contractor's invoices shall not be paid until all pending labour information has been submitted.</p>	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
	<p>Applicable labour laws</p> <p>The current Ministerial Determination (also downloadable at www.epwp.gov.za) Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice , shall apply to works described in the scope of work as being labour-intensive and which are undertaken by unskilled or semi-skilled workers.</p> <p>F:..... V:..... T:.....</p>	Item			
E13	<p>HIV/AIDS AWARENESS</p> <p>Tenderers are to price against the following items for compliance with the SPECIFICATION FOR HIV/AIDS AWARENESS bound into this document (The clauses referred to are those of the Specification for HIV/AIDS)</p>				
E13.1	<p>Provide and maintain a condom dispenser in terms of Clause 5.1a)</p> <p>F:..... V:..... T:.....</p>	Item			
E13.2	<p>Provide and maintain HIV/AIDS awareness posters terms of Clause 5.1b)</p> <p>F:..... V:..... T:.....</p>	Item			
E13.3	<p>HIV /Aids Awareness Programme on Site for not less than 90% of workers inclusive of all direct and indirect costs;</p> <p>Engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme in terms of Clause 5.2.1a)</p> <p>F:..... V:..... T:.....</p>	Item			
E13.4	<p>Arrange for workers to attend the HIV Awareness Programme in terms of Clause 5.2.1b)</p> <p>F:..... V:..... T:.....</p>	Item			
E13.5	<p>Reporting</p> <p>Prepare and attach to claims for payment a brief report in terms of Clause 5.3 (see also HIV/STI Compliance Report included with this document).</p> <p>F:..... V:..... T:.....</p> <p><i>Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Public Works) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum per calendar day of which the required reports has not been submitted.</i></p>	Item			
E14	<p>OCCUPATIONAL HEALTH AND SAFETY ACT NO. 85 OF 1993</p> <p>Tenderers are to allow for costs in providing a project specific ' Construction Phase Safety, Health and Environmental Plan' in accordance with "Section 2 - Specification Data associated with SANS 1921-1:2004" clause C4.18 in "Part C3 - Scope of Work"</p> <p>F:..... V:..... T:.....</p>	Item			
E15	<p>NOTICE BOARD, SITE OFFICE, ETC.</p> <p>Tenderers are to allow for the provision and removal of a project notice board and a site office in accordance with the Principal Agent's requirements.</p> <p>F:..... V:..... T:.....</p>	Item			
E16	<p>IMPORTED MATERIALS AND EQUIPMENT</p> <p>Where imported items are listed in the tender documents, the tenderer shall provide all information called for, failing which the price of any such item, material or equipment shall be excluded from currency fluctuations. (Refer to T2.14 - Schedule of Imported Materials and Equipment .)</p> <p>F:..... V:..... T:.....</p>	Item			
E17	<p>CONTRACT DOCUMENTS</p> <p>The drawings issues with these Tender documents do not comprise the complete set but serves as a guide only for tendering purposes and for indicating the scope of works to enable the Tenderer to acquaint him with the nature and extent of the works and the manner in which they are to be executed.</p>				
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		UNIT	QUANTITY	RATE	AMOUNT
	Should any part of the drawings not be clearly legible to the Tenderer he shall, before submitting his Tender, obtain clarification in writing from the principal agent. F:..... V:..... T:.....	Item			
E18	GENERAL PREAMBLES The Document Preambles will be the "ASAQS Model Preambles for Trades – 2008" and is obtainable from the various Regional Office's of the Department of Public Works and shall be read in conjunction with the Bills of Quantities and be referred to for the full descriptions of work to be done and materials to be used. F:..... V:..... T:.....	Item			
E19	TRADE NAMES Wherever a Trade Name for any product has been described in the Bills of Quantities the Tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the Principal Agent being obtained prior to the closing date for submission of Tenders. F:..... V:..... T:.....	Item			
E20	EXISTING PREMISES OCCUPIED Refer to Scope of Works Part C3 of this Tender Document for information on the occupation of existing buildings. F:..... V:..... T:.....	Item			
E21	INACCURATE AND DEFECTIVE WORK EXECUTED UNDER PREVIOUS CONTRACT The contractor shall, after taking possession of the site and before commencing the work, check all levels, liners, profiles and the like and satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work. Should any inaccurate or defective work be found, the contractor shall immediately notify the principal agent in writing requesting his instructions with regard thereto and afford every facility to those rectifying such inaccurate or defective work. F:..... V:..... T:.....	Item			
E22	VIEWING THE SITE IN SECURITY AREAS If the site is situated in a security area and the Tenderer must arrange with the Authorities to obtain permission to enter the site for Tendering purposes. F:..... V:..... T:.....	Item			
E23	COMMENCEMENT OF WORKS IN SECURITY AREAS If the works falls within a security area, the contractor must arrange with the Authorities and give the necessary notices before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account. F:..... V:..... T:.....	Item			
E24	ENTRANCE PERMITS TO SECURITY AREAS If the works fall within a security area, the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under control of the Authority. F:..... V:..... T:.....	Item			
	Carried forward to collection			R	

		UNIT	QUANTITY	RATE	AMOUNT
E25	<p>SECURITY CHECK OF PERSONNEL The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified.</p> <p>In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works.</p> <p>F:..... V:..... T:.....</p>	Item			
E26	<p>PROHIBITION ON TAKING PHOTOGRAPHS In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking photographs, except when authorised thereto by or on behalf of the Minister.</p> <p>The same prohibition is also applicable to all Correctional Institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959.</p> <p>F:..... V:..... T:.....</p>	Item			
E27	<p>Management of Water</p> <p>Water for Construction purposes must be obtained from alternative water sources (i.e. supply other than water that is produced and distributed by a regulated water service authority from a licenced water treatment works for human consumption), eg dams, rivers, boreholes, springs, rainwater harvesting, recycled sewerage water, etc. The alternative water source shall not be of an inferior quality / standard than that required for construction purposes. The client reserves the right through his agents to test such supplies or request certificates confirming the grade and nature of the water supply. Relevant knowledge of the respective area will be an advantage.</p>				
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SECTION 1		
SUMMARY – PRELIMINARY & GENERAL		
Collection	Page No.	Amount
	1	R
	2	R
	3	R
	4	R
	5	R
	6	R
	7	R
	8	R
	9	R
	10	R
	11	R
	12	R
	13	R
	14	R
	15	R
	16	R
Carried forward to Final Summary		R
Section No. 1 Preliminary & General Summary		



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

PART C2.3 BILL OF QUANTITIES

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

tem No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 1</u>			
	<u>EARTHWORKS (PROVISIONAL)</u>			
	<u>(WORK GROUP 104)</u>			
	<u>EXCAVATION, ETC</u>			
	<u>"Soft excavation" not exceeding 2m deep</u>			
1	Trenches (L.I)	m3	20	
2	Reduced levels below floors and pits. (L.I)	m3	35	
3	Pit	m3	83	
	<u>Extra over "soft excavations" for excavation in</u>			
4	Intermediate material	m3	11	
5	Hard rock material	m3	6	
6	Class A boulder material	m3	6	
7	Class B boulder material	m3	6	
	<u>Risk of collapse of excavations</u>			
8	Sides of excavations not exceeding 1,50m deep. (L.I)	m2	80	
9	Sides of excavations exceeding 1,50m deep	m2	64	
	<u>Keeping excavations free of water</u>			
10	Keeping excavations free of water		Item	
	<u>FILLING, ETC</u>			
	Carried Forward			R
	Section No. 2 Buildings Bill No. 1 Earthworks (Provisional)			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Modified AASHTO density</u>			
11	Backfilling to trenches, bases and around foundation walls (L.I)	m3	14
<u>Earth filling supplied by the contractor</u>			
12	Selected filling (G5), carted on, spread and levelled and compacted in layers not exceeding 150mm thick to 95% Mod. AASHTO density under surface beds, etc.	m3	24
13	50mm Thick sand bed filling (LI)	m2	79
<u>Compaction of surfaces</u>			
14	Compaction of ground surface under floors etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2	79
<u>Carting away</u>			
15	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor not exceeding 500m away	m3	24
16	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor exceeding 500m away	m3	99
<u>PROTECTION AGAINST TERMITES</u>			
<u>Apply 'Chlorodane' or 'aldrin' soil insecticide in strict accordance with manufacturers instructions and SANS 1164-1165</u>			
17	Bottom and sides of trenches etc	m2	104
18	Under floors, etc	m2	130
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Buildings			
Bill No. 1			
Earthworks (Provisional)			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 2</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	(WORK GROUP 110)			
	<u>UNREINFORCED CONCRETE</u>			
	<u>Concrete Class 15/19</u>			
1	Blinding	m3	1	
2	Filling to cavities	m3	7	
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>Concrete Class 25/19</u>			
3	Strip footings, bases, etc., cast against excavated surfaces	m3	9	
	<u>REINFORCED CONCRETE</u>			
	<u>Concrete Class 25/19</u>			
4	Surface beds cast in panels	m3	3	
	<u>Concrete Class 25/13</u>			
5	Slab, beam and inverted beams	m3	12	
	Carried Forward			
	Section No. 2 Buildings Bill No. 2 Concrete, Formwork and Reinforcement		R	

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
<u>TEST BLOCKS</u>			
6	Allow for the necessary test cubes set of three size 150 x 150 x 150mm cast from batches of concrete required for the contract as specified, made, stored, cured and tested in accordance with SANS methods 861 and 863 including use of approved cube moulds, transporting, paying all charges and submitting reports to Employer	Sets	3
<u>CONCRETE SUNDRIES</u>			
<u>Class U2 wood float finish to surfaces</u>			
7	Wood float top of slab, etc	m2	79
<u>Class U3 steel trowel finish to surfaces with manual application with "Sikafloor -3 QuartzTop ZA" onto concrete surface evenly in 2 stages (first stage: 3 kg/m2 ; second stage: 2 kg/m2), all complete as per manufacturer.</u>			
8	Steel float top of slab, etc	m2	27
<u>Low density fibreboard floor protection</u>			
<u>(WORK GROUP 111)</u>			
<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>			
<u>Smooth formwork to sides</u>			
9	Soffits of slabs	m2	27
<u>MOVEMENT JOINTS, ETC. (PROVISIONAL)</u>			
<u>Expansion joints with Bitumen impregnated softboard between vertical concrete and brick surfaces</u>			
10	12mm Joints not exceeding 300mm high	m	62
<u>(WORK GROUP 114)</u>			
<u>REINFORCEMENT (Provisional)</u>			
<u>Mild steel reinforcement</u>			
11	10mm Diameter bars	t	0.13
Carried Forward			R
Section No. 2 Buildings Bill No. 2 Concrete, Formwork and Reinforcement			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward				R
<u>High tensile steel reinforcement</u>				
12	12mm Diameter bars	t	0.49	
13	16mm Diameter bars	t	0.13	
<u>Fabric reinforcement</u>				
14	Mesh Ref. 193	m2	79	
15	Mesh Ref. 395	m2	68	
16	Mesh Ref. 617	m2	62	
Carried Forward to Summary of Section No. 2				R
Section No. 2				
Buildings				
Bill No. 2				
Concrete, Formwork and Reinforcement				

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 3</u>			
	<u>BRICKWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 114)</u>			
	<u>BRICKWORK IN FOUNDATIONS (PROVISIONAL)</u>			
	<u>Brickwork of Corobrick or similar approved 14 MPa NFX clay bricks in 3:1 cement mortar</u>			
1	One brick walls (Bagged and sealed) (LI)	m2	125	
	<u>Brickwork reinforcement:</u>			
2	'Brickforce' or other approved wire mesh reinforcement, 150mm wide, built into walls and lintels	m	315	
	<u>FACE BRICKWORK IN FOUNDATIONS (PROVISIONAL)</u>			
	<u>Corobrick "Terracotta Travertine" or similar approved FBX facebricks with 10mm recess pointed joints and every 510mm (10 courses) raked out for 10mm for two courses</u>			
3	Extra over ordinary brickwork in stretcher bond for facing in foundations	m2	11	
	<u>BRICKWORK IN SUPERSTRUCTURE</u>			
	<u>Brickwork of Corobrick or similar approved 7 MPa NFP bricks in 3:1 cement mortar</u>			
4	Half brick walls (LI)	m2	48	
5	Half brick wall in beamfilling (LI)	m2	7	
6	One brick walls (LI)	m2	30	
	Carried Forward			R
	Section No. 2 Buildings Bill No. 3 Brickwork			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
7	One brick walls (bagged and sealed) (LI)	m2	121
<u>BRICKWORK SUNDRIES</u>			
<u>Sundries</u>			
8	Raking cutting to top of one brick walls	m	11
9	Splayed mortar fillet to close up beamfilling	m	26
<u>Brickwork reinforcement:</u>			
10	'Brickforce' or other approved wire mesh reinforcement, 75mm wide, built into walls and lintels	m	94
11	'Brickforce' or other approved wire mesh reinforcement, 150mm wide, built into walls and lintels	m	382
<u>Galvanized hoop iron cramps, ties, etc</u>			
12	32 x 1,6mm Roof tie 1,5m long with one end built 9 courses into brickwork and other end wrapped around and spiked to timber rafters	No	26
<u>PRESTRESSED, PRECAST CONCRETE LINTOLS</u>			
<u>"Stalton" prestressed fabricated lintels</u>			
13	110 x 75mm Lintels in lengths not exceeding 3m	m	15
<u>TURNING PIECES</u>			
14	Turning piece 230mm wide on soffit, including all wedging and propping	m	15
<u>FACE BRICKWORK</u>			
<u>Corobrick "Nebraska Travertine" or similar approved FBS facebricks with 10mm recess pointed joints and every 510mm (10 courses) raked out for 10mm for two courses</u>			
15	Half brick wall in beamfilling (LI)	m2	7
16	Extra over ordinary brickwork for facing and pointing externally in stretcher bond	m2	143
Carried Forward			R
Section No. 2 Buildings Bill No. 3 Brickwork			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

	Brought Forward				
17	Extra over ordinary brickwork for facing and pointing internally in stretcher bond to form dado	m2	14		R
18	Brick-on-edge sills set sloping at 17° and slightly projecting, built fair and pointed with 2mm deep square recessed joints on top, front end and projecting soffit and including fair raking cutting to brickwork under or dubbing up solid in cement mortar and cutting and fitting between reveals (LI)	m	9		
	<u>BRICK PAVING</u>				
	<u>Corobrick "Terracotta Travertine" or similar approved FBX facebricks with 10mm flush pointed joints</u>				
19	220mm Wide brick-on-flat header course edging on 50mm thick mortar bed (LI)	m	12		
	Carried Forward to Summary of Section No. 2				R
	Section No. 2				
	Buildings				
	Bill No. 3				
	Brickwork				

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 4</u>			
	<u>WATERPROOFING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	(WORK GROUP 120)			
	<u>DAMPPROOF COURSE</u>			
	<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</u>			
1	To walls, reveals, below sills, etc	m2	4	
	<u>SHEET WATERPROOFING</u>			
	<u>One layer of 250 micron Gunplas USB Green waterproof sheeting on earth, sealed at laps and ends with pressure sensitive tape"</u>			
2	Under surface beds	m2	160	
	<u>JOINT SEALANTS ETC</u>			
	<u>"Sikaflex 1A" or other approved polyurethane sealing compound, with and including raking out softboard, etc</u>			
3	12 x 10mm In vertical expansion joints between concrete and brickwork	m	43	
	<u>"Sikaflex" or other approved Joint Sealants comprising approved polyurethane sealing compound</u>			
4	Joint sealing around window frames on the outside and leave perfetly watertight	m	34	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Buildings			
	Bill No. 4			
	Waterproofing			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BUILDING WORKS</u></p> <p><u>BILL NO. 5</u></p> <p><u>ROOF COVERING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>For preambles see pages SP20 to SP21 of WB20 - 1986</p> <p>(WORK GROUP 122)</p> <p><u>PROFILED METAL SHEETING AND ACCESSORIES</u></p> <p><u>0.53mm thickness ZINCAL AZ150 Mill finish with COLORPLUS 'Savannah' coated finish to one side with Cool Grey backing coat. The Roof sheeting shall be double interlocking concealed-fix Klip-Tite ZincAL® AZ150 coated steel G550 profile, roll-formed in continuous lengths and cut to length by a pneumatic cut off process only. Cutting of sheeting with angle griders, especially once sheeting is installed is strictly prohibited. Patented and marked KL 700 clips shall be used to secure the sheet, fixed to purlins at spacings in accordance with the manufacturer's recommendations. The clip shall be fixed with FIXTITE fasteners in accordance with the manufacturer's recommendations and material warranty requirements. Note: All Eave overhang purlins to receive HIGH WIND LOAD CLIPS (HWLC), sheeting here is to be further secured with saddle washers to eave purlins sections with Class 3 self tapping screws with bonded washer to create positive fix. (all to manufacturers specifications).</u></p>			
1	Roof covering with pitch not exceeding 25° degrees including approved vapour barrier installed under sheeting. (LI)	m2	96	
	<p><u>SHEET METAL FLASHINGS, LININGS, COPING, ETC.</u></p>			
	Carried Forward			R
	<p>Section No. 2 Buildings Bill No. 5 Roof Covering</p>			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
<u>Global Roof Solutions (GRS) approved flashing accessories used in accordance with the manufactures' recommendations and material warranty requirements.</u>			
2	Ridge capping (LI)	m	14
3	Barge flashing (LI)	m	14
4	"Sondor" ribbed pattern polyclosers (LI)	m	57
<u>INSULATION</u>			
<u>"Sisalation FR 405" Light industrial grade fire retardant aluminium foil based insulation:</u>			
5	Insulation laid taut over trusses (at approximately 1200mm centres) and fixed concurrent with roof covering including galvanized steel straining wires at 500mm centres. (LI)	m2	73
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Buildings			
Bill No. 5			
Roof Covering			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 6</u>			
	<u>CARPENTRY AND JOINERY</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 126)</u>			
	<u>ROOF CONSTRUCTION</u>			
	<u>Sawn South African softwood</u>			
1	50 x 76mm Purlins (LI)	m	113	
2	38 x 114mm Wall plates including bed level in cement mortar (LI)	m	26	
3	38 x 114mm Bracing between roof trusses (LI)	m	36	
4	38 x 76mm Runners between roof trusses (LI)	m	46	
5	50 x 225mm Gangboarding (LI)	m	12	
	<u>PREFABRICATED ROOF TRUSSES, ETC</u>			
6	Double pitched roof truss with tie beam not exceeding 5.1m span and 1700mm overhang one side and 450mm overhang other side	No	13	
	<u>ROOF SUNDRIES</u>			
7	Two coats Carbolinium on exposed sawn roof timbers	m2	9	
8	Hot Dipped galvanized hurricane clips screwed or nailed to roof timbers as per manufacturer's specifications	No	104	
	<u>EAVES, VERGES, ETC.</u>			
	<u>Sawn softwood</u>			
9	76 x 50mm Fascia support purlin	m	28	
	Carried Forward			R
	Section No. 2 Buildings Bill No. 6 Carpentry and Joinery			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
10	76 x 50mm Barge trimmer batten	m	14
<u>Laminated hardwood timber</u>			
11	220 x 70mm Beam	m	13
<u>"Everite Nutec" pressed fibre-cement</u>			
12	15 x 225mm Medium density plain grooved fascia boards (Code: 042-434), fixed to timber rafters twice screwed with 12 x 40mm countersunk brass screws with PVC H-profile fascia joiner between boards and PVC H-profile fascia corner joiners at board ends.	m	28
<u>DOORS, ETC</u>			
<u>Wrot meranti doors hung to steel or timber frames</u>			
13	44mm x 813 x 2,032mm high Swartland PD1/OB or similar approved framed, ledged and braced batten door (D1)	No	18
<u>FRAMES, BEADS, ARCHITRAVES, ETC.</u>			
<u>Wrot meranti</u>			
14	42 x 68mm Solid Meranti rebated splayed and grooved weather boards including grooves in and fixing to doors with brass screws	m	47
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Buildings			
Bill No. 6			
Carpentry and Joinery			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 7</u>			
	<u>IRONMONGERY</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 132)</u>			
	<u>HINGES, BOLTS, ETC</u>			
	<u>'GEZE' or other approved</u>			
1	GERS211076 - 75 x 100mm Stainless steel washered butt hinges	Pairs	13.0	
	<u>DOOR STOPS, LEVER BOLTS, ETC</u>			
	<u>'GEZE' or other approved</u>			
2	140/69 Stainless steel floor mounted door stop	No	7	
	<u>LOCKS</u>			
	<u>'GEZE' or other approved</u>			
3	IG950933338 - 66mm Nickel plated standard double cylinder lock	No	7	
4	642/35 Stainless steel profile cylinder deadlock	No	11	
	<u>'Yale' or other approved</u>			
5	5-Pin CP euro profile cylinder lock with galvanised lock case, etc	No	4	
	<u>HANDLES</u>			
	<u>'GEZE' or other approved</u>			
6	EDE/101C - 19mm Stainless steel pull handle on 160 x 160 x 1.5mm back plate including cylinder hole	Pairs	11.0	
	Carried Forward			R
	Section No. 2 Buildings Bill No. 7 Ironmongery			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
7	JBS209O/350BTB Stainless steel offset pull handle 375 x 350 x 25mm	Pairs	2.0
<u>LETTERS, NAMEPLATES, ETC. (Provisional)</u>			
<u>Standard 150 x 150mm perspex sign screw-fixed with four chrome plated self tapping screws and plugs where applicable. Red engraving on white background</u>			
8	Sign with Male or Female symbol	No	5
<u>40 x 50mm Bold white numerals routed on 62mm royal blue Perspex backing with length to suit letter spacing. Perspex sign to be glued to door upper centre or mounted to wall. A sample is to be approved by the Architect before firm orders are placed by the contractor. All wording to be in capital letters.</u>			
9	Sign with eight letters (approx. 500mm length backing)	No	2
10	400mm High Galvanised steel letters cut from 6mm steel plate in forming name of school "MATHOLE HIGH SCHOOL", each letter fitted to facebrick wall with 3 x 10mm galvanised mild steel rods with letters 15mm away from wall, rods secured to wall with epoxy to Architect's approval	No	17
<u>SUNDRIES</u>			
11	30 x 30 x 3mm Hot dipped galvanized steel angle with fixing lugs at 300mm centres (3 per 900mm door opening) in full lengths to all external door thresholds - securely retro-fixed through lugs with 80mm frame anchors and continuously Epoxy glued to concrete surfaces - neatly aligned and outer edge to align with drip under door.	m	2
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Buildings			
Bill No. 7			
Ironmongery			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO. 2</u></p> <p><u>BUILDING WORKS</u></p> <p><u>BILL NO. 8</u></p> <p><u>METALWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>For preambles see Model Preambles for Trades - 2008</p> <p><u>THE FOLLOWING IN FRAMED AND WELDED HOT DIPPED GALVANIZED STEEL SECURITY GATES</u></p> <p><u>Custom made Hot Dip galvanised steel gate out of 40 x 40 x 5mm L-Profile outer frame securely built into wall with steel lugs @ 680mm max center with 38.1 x 38.1 x 3mm gate frame with 21.3 x 2.0 mm Diameter steel pipes equally spaced & welded in position with double 38.1 x 76.2 horizontal lock rail. Lock case, sliding bolts, stops & hinges to detail drawing 058813-ARC-SCH-603 sheet 1 & 2</u></p>			
1	(G6) Grille gate size 960 x 2037mm high overall with corner protection, lugs and outer frame expansion bolted as per detail size 1002 x 2075mm high overall (Cylinder lock elsewhere)	No	4	
	<p><u>HOT DIPPED GALVANIZED PRESSED STEEL DOOR FRAMES</u></p> <p><u>1.6mm Double rebated frames suitable for 115mm brick walls including factory fitted hinges</u></p>			
2	Frame for door 813 x 2032mm high	No	1	
	<p><u>1.6mm Double rebated frames suitable for 230mm brick walls including factory fitted hinges</u></p>			
3	Frame for door 813 x 2032mm high	No	6	
	Carried Forward			R
	Section No. 2 Buildings Bill No. 8 Metalwork			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

	Brought Forward			R
	<u>HOT-DIPPED GALVANISED STEEL WINDOWS AND DOORS</u>			
	Note: All windows to have opening restriction stays fixed at depth to architects discretion			
	<u>Standard school type windows. All windows shall be fitted with brass handles, stays, catches and other fittings. Burglar bars shall be standard flat section bars corresponding horizontally and vertically with glazing bars</u>			
4	(W1) Window type 3-HCH, size 889 x 457mm high	No	3	
	<u>Standard school type windows with burglar bars to fixed and opening sections. All windows shall be fitted with brass handles, stays, catches and other fittings. Burglar bars shall be standard flat section bars corresponding horizontally and vertically with glazing bars</u>			
5	(W2) Window type NE1, size 533 x 654mm high, with type BB2 burglar bars	No	11	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Buildings			
	Bill No. 8			
	Metalwork			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 9</u>			
	<u>PLASTERING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	(WORK GROUP 142)			
	<u>SCREEDS</u>			
	<u>3:1 Cement screeds on concrete steel trowelled to a smooth finish</u>			
1	30mm Thick on floors (LI)	m2	34	
	<u>INTERNAL PLASTER</u>			
	<u>One coat cement 3:1 cement plaster on concrete or brickwork, finished smooth with a wood trowel</u>			
2	13mm Thick on brick walls (LI)	m2	323	
3	13mm Thick on narrow widths not exceeding 300mm (LI)	m2	35	
	Carried Forward to Summary of Section No. 2			
	Section No. 2			
	Buildings			
	Bill No. 9			
	Plastering			
			R	

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 10</u>			
	<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 148)</u>			
	<u>RAINWATER GOODS</u>			
	<u>0,8mm Thick Commercial and industrial Ogee profile ZINCAL H3003h 14 seamless gutter, coated internally and externally with ColourTech G4 in colour Marble White with matching splash plate including cut and mitred angles covered with a mitre strip externally, stop ends crimped and all sealed on the inside with Dow Corning 813 silicone sealer, secured to fascias with 20 x 2,5mm hanger brackets at 600mm centres using yellow passivated serrated nails, including expanded aluminium mesh leaf guard set over gutter. All gutters angled to falls to downpipe.</u>			
1	150 x 125 mm Ogee eaves gutters	m	28	
2	Extra over eaves gutter for stopped end	No	4	
3	Extra over eaves gutter for outlet for 110mm downpipe	No	4	
	<u>uPVC downpipe complying with SANS 11, securely anchored to building. Include all necessary bends, elbows & shoes etc. Holderbats to downpipes to be at maximum 400mm centres.</u>			
4	110mm Diameter rainwater pipes	m	13	
5	Extra over rainwater pipe for offset bend	No	4	
6	Extra over rainwater pipe for bend	No	4	
7	Extra over rainwater pipe for shoe	No	4	
	Carried Forward			R
	Section No. 2 Buildings Bill No. 10 Plumbing and Drainage			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
<u>SANITARY FITTINGS</u>			
<u>Atlas Systems or other approved in position and connected to services</u>			
8	Atlas VIP toilet and VIP 200 inlet funnel	No	11
9	Atlas Viking hand wash basin	No	14
<u>WASTE UNIONS ETC</u>			
<u>'Cobra Watertech'</u>			
10	(317-40) CP Bath waste, etc	No	7
<u>'Cobra Watertech'</u>			
11	(360) CP bottle trap 40 x 40mm	No	7
<u>TAPS, VALVES, ETC</u>			
<u>'Cobra Watertech'</u>			
12	(832-10) 15mm CP angle regulating valve	No	7
13	(115) 15mm CP "Star" sink pillar tap	No	7
<u>SANITARY PLUMBING</u>			
<u>Unplasticised polyvinyl chloride (uPVC) waste and vent piping conforming to SANS 967 with solvent cement jointing</u>			
14	50mm Pipe fixed to walls, in chase, ceilings, roofs, floors, etc., hung from soffits of concrete slabs or laid in filling	m	55
15	110mm Pipes	m	115
<u>Extra over uPVC pipes for fittings</u>			
16	50 mm Bend	No	14
17	50 mm Access bend	No	14
18	50mm Access junction	No	3
Carried Forward			R
Section No. 2 Buildings Bill No. 10 Plumbing and Drainage			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Brought Forward			R
19	110mm End cap	No	2
20	110mm Reducer	No	11
21	110 mm 'GI Two-way' vent valve	No	11
<u>WASTE</u>			
<u>uPVC pipes</u>			
22	40 mm Pipes	m	42
<u>Extra over uPVC pipes for uPVC fittings</u>			
23	40 mm Access bend	No	6
<u>WATER SUPPLIES</u>			
<u>Class 2 copper pipes</u>			
24	15mm Pipes	m	34
25	22mm Pipes	m	25
<u>Extra over class 2 copper pipes for capillary fittings</u>			
26	15mm Fittings	No	21
27	22mm Fittings	No	14
<u>TESTING</u>			
28	Provide all necessary apparatus, water, etc., for and test the whole of the internal waste and water reticulation to the satisfaction of the representative and the local authorities, replacing any defective work at own expense and leave in perfect working order.	Item	
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Buildings			
Bill No. 10			
Plumbing and Drainage			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 11</u>			
	<u>GLAZING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 148)</u>			
	<u>GLAZING TO STEEL WITH PUTTY</u>			
	<u>6.38mm Frosted vinyl layer normal strength opaque laminated safety glass</u>			
1	Panes exceeding 0,1m ² and not exceeding 0,5m ²	m2	4	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2 Buildings Bill No. 11 Glazing			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 12</u>			
	<u>PAINTWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>PAINTWORK</u>			
	<u>PAINTWORK, ETC TO NEW WORK ON</u>			
	<u>FLOATED PLASTER SURFACES WITH</u>			
	<u>One coat "Dulux Trade" Alkali-resistant plaster primer and two coats "Dulux Trade 100" Lowsheen paint or equally approved on</u>			
1	Internal plastered walls (LI)	m2	259	
2	Fascias, barge boards and internal window sills (LI)	m2	23	
	<u>WOOD SURFACES</u>			
	<u>One coat "Dulux Primer for wood", One coat "Dulux Trade universal undercoat" and two coats "Dulux Gloss Enamel" or equally approved on</u>			
3	Doors (LI)	m2	49	
	<u>Prepare and apply one coat "Dulux Primer for wood", one coat "Dulux Trade Universal Undercoat and two coats "Dulux High Gloss Enamel" or equally approved on</u>			
4	Internal roof trusses (LI)	m2	44	
	<u>Three coats "Dulux Woodgard int/ext Timbavarnish" or equally approved on</u>			
5	Laminated beam, etc. (LI)	m2	8	
6	Doors (LI)	m2	9	
	Carried Forward			R
	Section No. 2 Buildings Bill No. 12 Paintwork			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

		Page No		Amount
	Section No. 2			
	Buildings			
	<u>SECTION SUMMARY - Buildings</u>			
ill o				
1	Earthworks (Provisional)	20		
2	Concrete, Formwork and Reinforcement	23		
3	Brickwork	26		
4	Waterproofing	27		
5	Roof Covering	29		
6	Carpentry and Joinery	31		
7	Ironmongery	33		
8	Metalwork	35		
9	Plastering	36		
10	Plumbing and Drainage	39		
11	Glazing	40		
12	Paintwork	42		
	Carried to Final Summary		R	
	Section No. 2			
	Buildings			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>ELECTRICAL INSTALLATION (PROVISIONAL)</u>			
	<u>BILL NO. 1</u>			
	<u>LOW TENSION DISTRIBUTION</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion			

	<u>(WORK GROUP 160)</u>			
	<u>DISTRIBUTION BOARDS</u>			
	<u>Distribution board/Kiosks fitted complete with equipment, wired as per Schematic Diagrams attached to these Bills of Quantities</u>			
1	Distribution board "DB 11"	No	1	
2	Distribution board "DB 12"	No	1	
	<u>CABLES</u>			
	<u>600/1000 V PVC/PVC/SWA/PVC copper cable with ECC laid in trenches, ducts, cable ladder, surfaces, etc. (trenching and backfilling measured elsewhere)</u>			
3	4 mm ² 2-Core	m	110	
	<u>CABLE TERMINATIONS</u>			
	<u>Termination for 600/1000 V PVC/PVC/SWA/PVC copper cables</u>			
4	4 mm ² 2-Core	No	4	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3 Electrical Installation Bill No. 1 Low Tension Distribution			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>ELECTRICAL INSTALLATION (PROVISIONAL)</u>			
	<u>BILL NO. 2</u>			
	<u>LIGHTING AND SMALL POWER</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			
	<u>(WORK GROUP 160)</u>			
	<u>RIGID PVC CONDUIT</u>			
	<u>Surface mounted to brickwork, concrete, steel or timber roof members, etc</u>			
1	20mm Diameter	m	400	
	<u>CONDUCTORS (PROVISIONAL)</u>			
	<u>PVC insulated stranded copper conductor drawn into wireways</u>			
2	1,5 mm ²	m	1 200	
	<u>LIGHT SWITCHES, SWITCHED SOCKET OUTLETS, ETC</u>			
	<u>Switches, etc complete with engraved/labeled cover plate fixed in 100 x 50mm galvanised flush box</u>			
3	16A One-lever one-way switch	No	7	
	<u>Photo cell switch with, flush round box with white plastic cover and suitably grommeted for wiring to photocells.</u>			
4	Daylight switch as per National or other approved	No	2	
	<u>LUMINAIRES AND EQUIPMENT</u>			
	Carried Forward			R
	Section No. 3 Electrical Installation Bill No. 2 Lighting and Small Power			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

	Brought Forward			R
	<u>Supply and install luminaires or equipment complete with lamps, connections, etc mounted in position</u>			
5	Type F6 : Fluorescent type fitting surface mounted ILM/INV/DMC/236/SS/IP65, complete with Uniqtronic 236T8 warm ballast, 2 x 36 watt lamps 1,2m length	No	3	
6	Type B1 : Exterior Bulkhead Luminaire Type BEKA 31209 2 x PL9w CFL with black trim ring complete with 2 x 9 Watt PL lamps, seperate ballast per lamp, prismatic polycarbonate diffuser, high pressure die cast aluminium body and stainless steel screws, or other approved. Fitting to be terminated with 1mm2 silicon 3-core flexible cable entering fixing from rear via compressed gland	No	64	
7	Type B2 : Interior Bulkhead Luminaire Type BEKA 71209 2 x PL9w CFL with white trim ring complete with lamps. with 2 x 9Watt PL lamps, polycarbonate prismatic diffuser, high pressure die cast aluminium body and stainless steel captive screws, or other approved.	No	3	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3 Electrical Installation Bill No. 2 Lighting and Small Power			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>ELECTRICAL INSTALLATION (PROVISIONAL)</u>			
	<u>LIGHTNING PROTECTION SYSTEMS AND MECHANICAL INSTALATION - VENTILATION AND LP GAS INSTALLATION</u>			
	<u>BILL NO. 3</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			

	<u>(WORK GROUP 160)</u>			
	<u>LIGHTNING PROTECTION SYSTEMS</u>			
	Lightning protection system installed by specialist as per specifications clause 26			
	<u>Conductors, etc</u>			
	<u>Bare Stranded Copper Supply and install Lightning Protection earths as follows</u>			
1	35 mm ² Bare stranded copper conductor, PVC insulated, between roof sheet and test point box and between test point box and earth electrode down conductor and earth electrode	m	10	
2	35 mm ² x 1 500 mm long copper electrode driven into ground including jointing to copper bonding conductor with cadmium plated bolt, nut and washer	No	16	
3	Supply and install Test joint connection in each down conductor complete with 132 x82 x55mm deep screw lid enclosure	No	8	
	Carried Forward			R
	Section No. 3 Electrical Installation Bill No. 3 Lightning Protection Systems and Mechanical Installation			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION CONTRACT (WIMS 058813)**

	Brought Forward			R
<u>EARTHING SYSTEM</u>				
Earthing system installed by specialist as per specifications clause 23, 24 and 24				
<u>Circular Aluminium Conductors, etc</u> <u>Note: Roof height varies between 3 and 5 metres. Supply and install aluminium circular conductors as specified</u>				
4	50 mm ² Aluminium conductor fitted into and including 20mm Galvanised conduit	m	40	
5	Supply and install corrosion resistant stainless steel terminal for roof connection points and aluminium bond to take aluminium down conductor	No	8	
6	Supply and install lugs to bonding of any metalwork to air terminal system install ferrules	No	8	
7	Test joint connection to each down conductor	No	8	
<u>TESTS ETC</u>				
8	Allow for testing the complete installation and provide test certificate		Item	
Carried Forward to Summary of Section No. 3				
Section No. 3 Electrical Installation Bill No. 3 Lightning Protection Systems and Mechanical Installation				
				R

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>ELECTRICAL INSTALLATION (PROVISIONAL)</u>			
	<u>LIGHTNING PROTECTION SYSTEMS AND MECHANICAL INSTALATION - VENTILATION AND LP GAS INSTALLATION</u>			
	<u>BILL NO. 3</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			

	<u>(WORK GROUP 160)</u>			
	<u>LIGHTNING PROTECTION SYSTEMS</u>			
	Lightning protection system installed by specialist as per specifications clause 26			
	<u>Conductors, etc</u>			
	<u>Bare Stranded CopperSupply and install Lightning Protection earths as follows</u>			
1	35 mm ² Bare stranded copper conductor, PVC insulated, between roof sheet and test point box and between test point box and earth electrode down conductor and earth electrode	m	10	
2	35 mm ² x 1 500 mm long copper electrode driven into ground including jointing to copper bonding conductor with cadmium plated bolt, nut and washer	No	16	
3	Supply and install Test joint connection in each down conductor complete with 132 x82 x55mm deep screw lid enclosure	No	8	
	Carried Forward			R
	Section No. 3 Electrical Installation Bill No. 3 Lightning Protection Systems and Mechanical Installation			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Brought Forward					
<u>EARTHING SYSTEM</u>					
Earthing system installed by specialist as per specifications clause 23, 24 and 24					
<u>Circular Aluminium Conductors, etc</u> <u>Note: Roof height varies between 3 and 5 metres. Supply and install aluminium circular conductors as specified</u>					
4	50 mm ² Aluminium conductor fitted into and including 20mm Galvanised conduit	m	40		
5	Supply and install corrosion resistant stainless steel terminal for roof connection points and aluminium bond to take aluminium down conductor	No	8		
6	Supply and install lugs to bonding of any metalwork to air terminal system install ferrules	No	8		
7	Test joint connection to each down conductor	No	8		
<u>TESTS ETC</u>					
8	Allow for testing the complete installation and provide test certificate			Item	
Carried Forward to Summary of Section No. 3					
Section No. 3					
Electrical Installation					
Bill No. 3					
Lightning Protection Systems and Mechanical Installation					
				R	

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 4</u>			
	<u>COMMUNICATIONS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Tenderers are referred to the project specifications and supplementary preambles for full descriptions of materials, etc., to be used. All work shall be done strictly in accordance with specifications and Manufacturer's instructions and leave in perfect working order after completion.			

	<u>(WORK GROUP 160)</u>			
	<u>TELEPHONE DISTRIBUTION BOXES</u>			
	<u>TELE-COMMUNICATION BOARDS</u>			
	<u>Supply and install pressed steel telephone type DBs, complete with wood backing, flush mounted in wall, including conduit termination, etc.</u>			
1	Telkom DB (300 x 300 x 115mm deep), with hinged door, chased in.	No	7	
	<u>Pressed steel distribution box with lockable doors and hardwood backing</u>			
2	150 x 150 x 115mm Draw box	No	1	
3	300 x 300 x 115mm Deep box with hinged door, chased in	No	7	
	<u>Inspection chambers</u>			
4	Excavate in soft material for and build Telkom manhole chamber, size 450 x 450 x 820mm deep with 150mm thick 25MPa reinforced bottom, including No 193 mesh, with one brick sides finished smooth internally and 25MPa concrete slab reinforced with four 10mm diameter high tensile steel reinforcement bars and opening for and including 300 x 300mm medium duty square grid and frame (LI)	No	7	
	<u>SLEEVES</u>			
	Carried Forward			R
	Section No. 3 Electrical Installation Bill No. 4 Communications			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Brought Forward				R
	<u>uPVC sleeve piping including short lengths and jointing, laid in trench including backfilling and compaction</u>			
5	110mm Diameter pipe	m	186	
	<u>Extra on UPVC piping for</u>			
6	110mm Diameter long radius bend	No	7	
	<u>RIGID PVC CONDUIT</u>			
	<u>Surface mounted to brickwork, concrete, steel or timber roof members, etc</u>			
7	20mm Diameter	m	56	
	<u>Conduit including short lengths and jointing, laid in concrete slab</u>			
8	25mm Diameter	m	47	
9	32 mm Diameter	m	11	
	<u>Conduit including short lengths and jointing, built into brickwork</u>			
10	20mm Diameter	m	26	
11	32 mm Diameter	m	1	
	<u>CONDUIT BOXES AND FITTINGS</u>			
	<u>Galvanised steel fixed onto conduit</u>			
12	100 x 100 x 50mm Deep box with cover	No	1	
	<u>SOCKET OUTLETS</u>			
	<u>Outlets, etc complete with cover plate as required, fixed to power skirting</u>			
13	Telephone socket outlet, with York cover	No	1	
	Carried Forward			R
Section No. 3 Electrical Installation Bill No. 4 Communications				

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Brought Forward			R
<u>Outlets, etc complete with cover plate as required, fixed in and including 100 x 100mm galvanised flush box</u>			
14	Telephone socket outlet	No	1
<u>INTERCOM</u>			
<u>'Microsound M20' or similar approved school type intercom system</u>			
15	0.5mm Twisted pair cable communication cable	m	393
16	1.5mm Twisted six pair communication cable	m	408
17	PVC Round Boxes	No	25
18	Call / slave station Model No.RSPXCX190190	No	23
19	Main station Model No. M20X40 forty way	No	1
<u>INTERACTIVE WHITE BOARD</u>			
20	Carefully move Interactive white board installation from Computer Room to Team teaching	No	1
<u>TESTING, ETC</u>			
21	Test and commission the complete installation and provide 3 sets of documentation (technical specifications, sales brochures, wiring diagrams, etc.), and training of operator staff, etc. leaving installation in perfect working order	Item	
Carried Forward to Summary of Section No. 3			R
Section No. 3 Electrical Installation Bill No. 4 Communications			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Bill No		Page No		Amount
	Section No. 3			
	Electrical Installation			
	<u>SECTION SUMMARY - Electrical Installation</u>			
1	Low Tension Distribution	46		
2	Lighting and Small Power	48		
3	Lightning Protection Systems and Mechanical Installation	50		
4	Communications	53		
	Carried to Final Summary		R	
	Section No. 3			
	Electrical Installation			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO. 2</u>			
	<u>GENERAL EARTHWORKS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	(WORK GROUP 104)			
	<u>SITE CLEARANCE ETC</u>			
	<u>Site Clearance :</u>			
1	Clear area of site of all rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc., including re-clearing of any subsequent vegetation growth during the contract period as considered necessary by the Employer and removing all material from site (LI)	m2	232	
	<u>BULK EXCAVATION, FILLING, ETC</u>			
	<u>Remove topsoil</u>			
2	Excavate over developed areas of site to remove 150mm deep topsoil, including depositing in spoil heaps on site for later re-use	m3	35	
	<u>Open face excavation in earth over sloping site</u>			
3	Open face excavation to reduce levels and to form platforms over site for buildings, roads, etc., including depositing in spoil heaps on site for later re-use or spoil	m3	70	
	<u>Earth filling supplied by the contractor</u>			
4	Selected filling (G5), carted on, spread and levelled and compacted in layers not exceeding 150mm thick to 98% Mod. AASHTO density over site to form platforms	m3	70	
	Carried Forward			R
	Section No. 4 External Works (Provisional) Bill No. 2 Earthworks			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

	Brought Forward			R
5	Selected filling (G6), carted on, spread and levelled and compacted in layers not exceeding 150mm thick to 95% Mod. AASHTO density over site to form platforms	m3	35	
	<u>LANDSCAPING</u>			
	<u>Grassing, ground covers, etc</u>			
6	Grassing with "Kikuyu" or other approved sods laid as per specification (L1)	m2	1 252	
	<u>Maintenance</u>			
7	Maintenance of landscaping- tree, shrub and grassed areas for a period of 12 months (total area approximately 9000 m2) including regular weeding and irrigating as necessary		Item	
Carried Forward to Summary of Section No. 4				
Section No. 4				R
External Works (Provisional)				
Bill No. 2				
Earthworks				

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO. 3</u>			
	<u>ROADS AND PAVING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>SANS specifications</u>			
	1200 A : 1986 : General			
	1200 C : 1980 : Site Clearance			
	1200 D : 1990 : Eartworks			
	1200DM : 1981 : Eartworks (Road subgrade)			
	1200GA : 1982 : Concrete (Small works)			
	1200M : 1981 : Roads (General)			
	1200ME : 1981 : Sub-base			
	1200MF : 1981 : Base			
	1200MH : 1981 : Asphakt Base and Surfacing			
	1200MM : 1983 : Ancillary Roadworks			
	1200MK : 1984 : Kerbing and channeling			
	1200MJ : 1984 : Segmented paving			
	<u>(WORK GROUP 136)</u>			
	<u>ROAD SIGNS</u>			
1	Standard "STOP" sign with 50mm diameter galvanised mild steel post bedded in and including unreinforced concrete base, including any necessary excavation, paint finish, etc	No	2	
	<u>(WORK GROUP 152)</u>			
	<u>PAINTING</u>			
	<u>One coat "Dulux Albertono" or equally approved road marking paint.</u>			
2	100mm wide line (LI)	m	241	
3	Numeral or letter 500mm high	No	12	
4	Traffic arrow 2400 x 1400mm wide extreme	No	1	
	Carried Forward			R
	Section No. 4 External Works (Provisional) Bill No. 3 Roads and Paving			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Brought Forward			R
5	Paraplegic parking motif 1200 x 1200mm extreme	No	1
<u>PRECAST CONCRETE PAVING BLOCKS</u>			
Paving is to be laid in accordance with SANS 1200MJ, SANS 1058 and the Concrete Masonry Association's specifications			
<u>25 MPa Standard grey interlocking roadstone paving on and including 20mm thick layer of river sand</u>			
6	50mm Paving to verandahs, etc. to falls (LI)	m2	75
Carried Forward to Summary of Section No. 4			R
Section No. 4 External Works (Provisional) Bill No. 3 Roads and Paving			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO. 3</u>			
	<u>WATER SUPPLY AND FIRE SERVICES</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 148)</u>			
	<u>WATER SUPPLY</u>			
	<u>The following in water tanks complete</u>			
1	5 000 Litre 'Atlas Plastics' 2250mm Diametre tank or other approved Polyethelene rainwater tank complete with access lid with inlet hole, placed in position on concrete slab (elsewhere) and anchored as per Architect's drawings and linked to rainwater downpipes (elsewhere) and leave in perfect working order	No	2	
	<u>Galvanised water pipes, including short lengths, etc.</u>			
2	15mm Supply pipes in short lengths from water tank to 15mm bibtap (elsewhere) fixed to walls with and including fixing lugs	m	2	
	<u>Extra over galvanized piping for fittings</u>			
3	15mm Fittings	No	4	
4	15mm Watertight Junction to watertank	No	2	
5	15mm Demand bibtap with lockable handle including brass padlock with two keys and hand over keys to the Architect with small sign attached to it	No	2	
	Carried Forward to Summary of Section No. 4			
	Section No. 4			R
	External Works (Provisional)			
	Bill No. 4			
	Water Reticulation			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO. 4</u>			
	<u>STORMWATER DISPOSAL</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	(WORK GROUP 146)			
	<u>STORMWATER CHANNELS</u>			
	<u>Unreinforced concrete Class 20/19 in-situ stormwater channels rendered smooth all round, including excavation, formwork, and compaction, etc</u>			
1	1200mm Wide V-shaped 100mm deep channels 150mm thick laid to falls with and including Ref. 395 mesh reinforcement (LI)	m	37	
2	12mm Expansion joints with softboard between concrete sides of channels not exceeding 300mm wide (LI)	m	32	
	(WORKGROUP NO. 148)			
	<u>STORMWATER DRAINAGE</u>			
	<u>Stormwater Kerb and Grid inlets with gratings as per Engineer's drawing attached</u>			
3	760 x 760mm Stormwater manhole with 300 x 300 HD SWD grating and frame and connection to two 375 or 450mm mm stormwater pipes not exceeding 1m deep. (LI)	No	3	
	Carried Forward to Summary of Section No. 4			
	Section No. 4			
	External Works (Provisional)			
	Bill No. 5			
	Stormwater Drainage			
			R	

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO. 7</u>			
	<u>EXTERNAL STRUCTURES</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>THE FOLLOWING IN SOCCER FIELD, NETBALL AND VOLLEY BALL COURTS</u>			
	<u>The following in Soccer field, Netball and Volley Ball courts</u>			
1	Heavy Duty Free Standing Soccer Goal Posts with Goal Mouth 2.44m high x 7.32m Long Fabricated of 100 x 3mm Round Tubing with 50 x 3mm Rear Brace for Netting and 12 J Hooks per Pair Raked rear bracing includes top rails, and bottom rails. Top Depth 750mm and bottom Depth of 1500 mm All to regulation sizes. Finish: Hot Dipped Galvanized then PVC Coated - White.	Pairs	1.0	
2	Supply Heavy Duty Soccer Netting	Pairs	1.0	
3	Netball posts 3600 mm long Fabricated From 89 x 3mm Round Tubing with ring 380 mm inner diameter x 16 mm Round bar. Post supplied with Net Finish - Hot Dipped galvanized then PVC Coated to colour of Clients Choice - (usually red or Yellow). Post to be placed in concrete base such that the ring is 3000 mm above finished ground level	Pairs	2.0	
	<u>PAINTING</u>			
	<u>One coat "Dulux Albertono" or equally approved court marking paint.</u>			
4	Paint 8 x 8m chessboard consisting of 64 squares (eight rows and eight columns) with squares are arranged in two alternating colours (light and dark) (LI)	m2	64	
5	Paint 50mm wide lines to hard surface combi court (LI)	m	181	
	Carried Forward			
	Section No. 4 External Works (Provisional) Bill No. 6 External Structures			R

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

	Brought Forward			R
6	Chess piece motif 900 x 900mm extreme in two alternating colours (light and dark)	No	32	
	<u>PARKHOME CLASSROOMS The following in four Classroom Parkhomes as supplied by M Projects or other approved supplier delivered to site and installed on platforms (elsewhere measured) as described in the items hereafter.</u>			
7	Allow for transport from site and sitting of unit at a site no further than 300km radius from the current site and allow for all services to be connected.	No	4	
Carried Forward to Summary of Section No. 4				R
Section No. 4 External Works (Provisional) Bill No. 6 External Structures				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>EXTERNAL WORKS (PROVISIONAL)</u>			
	<u>BILL NO. 8</u>			
	<u>FENCING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	For preambles see Model Preambles for Trades - 2008			
	<u>(WORK GROUP 136)</u>			
	<u>SECURITY FENCING</u>			
	<u>Sundries</u>			
1	Take down and remove existing fencing complete with poles, intermediate poles, etc. and prepare to receive new fencing (elsewhere) (LI)	m	120	
2	Allow for digging and removing all rubbish, rubble, debris, vegetation, shrubs, roots, bushes, etc., as well as excavations to reduce levels as necessary to erect fencing with bottom wire not exceeding 50 mm above ground (LI)	m	120	
	<u>Security fencing</u>			
3	1800 mm High fencing anti-climb tipe with mesh apeture 12.7mm x 76.2mm, wire 4mm x 4mm galvanised and polyester electrostatic coating (LI)	m	120	
4	100mm High razor spikes on top of panels (LI)	m	120	
5	60 x 60 x 2 mm thick galvanised and polyester electrosatic coatedl x 2400 mm long post with base plate and post cap, cast in 450 x 450 x 900 mm deep concrete base with top of concrete projecting 50 mm above ground level (LI)	No	40	
6	400mm Underdig panels	m	120	
7	Sliding vehicle gate size 5000mm wide x 1800mm high including track, guides, stop, etc.	No	1	
8	Pedestrian gate size 1535mm wide x 1800mm high	No	1	
	Carried Forward to Summary of Section No. 4			
	Section No. 4			
	External Works (Provisional)			
	Bill No. 7			
	Fencing			
			R	

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

	Section No. 4			
	External Works (Provisional)			
	<u>SECTION SUMMARY - External Works (Provisional)</u>			
Bill No		Page No		Amount
1	Alterations	55		
2	Earthworks	57		
3	Roads and Paving	59		
4	Water Reticulation	60		
5	Stormwater Drainage	61		
6	External Structures	63		
7	Fencing	64		
	Carried to Final Summary		R	
	Section No. 4			
	External Works (Provisional)			

**MATHOLE HIGH SCHOOL - UPGRADES AND ADDITIONS
COMPLETION WORKS**

Section No	<u>FINAL SUMMARY</u>	Page No		Amount
1	Preliminaries	20		
2	Buildings	45		
3	Electrical Installation	54		
4	External Works (Provisional)	65		
	SUBTOTAL		R	
	ADD: VALUE ADDED TAX		R	
	Carried to Form of Tender		R	



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

PART C3. SCOPE OF WORKS

C3.1 SCOPE OF WORKS
GCC FOR CONSTRUCTION WORKS (Edition 2 of 2010)

Scope of Works complied in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004

Project title:	MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)
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Tender no:	ZNTU04276W	Project Code:	080773
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1	<p><u>SECTION 1</u></p> <p><u>EXTENT OF THE WORKS</u></p> <p>1.1 EMPLOYERS OBJECTIVES The successful completion of existing project, complete the partially constructed ablution block, renovate existing ablution block, complete the sport fields and complete the perimeter fencing.</p> <p>1.2 OVERVIEW OF THE WORKS The successful completion of existing project, complete the partially constructed ablution block, renovate existing ablution block, complete the sport fields and complete the perimeter fencing.</p> <p>1.3 EXTENT OF THE WORKS All works as described in the contract drawings and specifications.</p> <p>1.4 LOCATION OF THE WORKS The site is situated at the premises of the current Mathole High School. GPS Co-ordinates for the site is 28°07'47.58"S 31°20'42.66"E</p> <p>1.5 TEMPORARY WORKS All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)</p>
2	<p><u>ENGINEERING</u></p> <p>2.1 EMPLOYER'S DESIGN Not applicable</p> <p>2.2 DESIGN BRIEF Not applicable</p> <p>2.3 DRAWINGS See list of drawings/Annexure's attached to this document.</p>

2.4	<p>DESIGN PROCEDURES</p> <p>Not applicable</p>
3	<p><u>PROCUREMENT</u></p> <p>3.1 PREFERENTIAL PROCUREMENT PROCEDURES</p> <p>This tender will be subject to the implementation of the Preferential Procurement Regulations, 2022, pertaining to the Preferential Procurement Policy Framework Act, Act Number 5 of 2000 and the relevant Supply Chain Management Legislation and the KwaZulu-Natal Supply Chain Management Policy Framework published by the KwaZulu-Natal Provincial Treasury. Tenderders are referred to www.kzntreasury.gov.za for access to the relevant documents.</p> <p>Tenderders are advised to familiarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of tenders appeals and other matters.</p> <p>3.2 RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT</p> <p>NOTE : This project will be adjudicated as not exceeding R 50,000 000,00</p> <p>3.3 SCOPE OF MANDATORY SUBCONTRACT WORK</p> <p>Not applicable</p> <p>3.4 PREFERRED SUBCONTRACTORS/SUPPLIERS</p> <p>Not applicable</p> <p>3.5 SUBCONTRACTING PROCEDURES</p> <p>Not applicable</p>
4	<p><u>CONSTRUCTION</u></p> <p>4.1 APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS</p> <p>The Contractor is referred to the "Model Preambles to Trades - 2008", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification for full descriptions of materials and methods referred to in these Bills of Quantities/Lump Sum documents, insofar as they apply. The Contractor is advised to study the "Standard Preambles to all Trades", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification, before pricing Bills of Quantities/Lump Sum documents.</p> <p>Where the description in the Bills of Quantities/Lump Sum documents differ from those in the Standard Electrical Specifications, the descriptions in the Bills of Quantities/Lump Sum documents are to apply. No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications. Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark.</p> <p>Wherever the words "shall be deemed to be included in the description", "shall be stated" or other words having the same effect, appear in the Standard System, it shall be deemed that all descriptions in these Bills of Quantities/Lump Sum documents incorporated such inclusions and statements whether specifically stated or not.</p> <p>The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then ONLY the Specification of Work Clauses will apply. The method of measurement and payment clauses will NOT apply to this Contract.</p> <p>The Contractor is hereby informed that risk of collapse and keeping excavations free from water (excluding subterranean water) generally are deemed to be included in the descriptions unless accommodated in the system of measurement. Please refer to the Geotechnical Investigation report when included at the end of these tender documents.</p> <p>Whenever reference is made to "Sub-Contractor", "Nominated Sub-Contractor" or the like in the specifications included or referred to in these Bills of Quantities/Lump Sums documents, it shall be deemed to mean "Contractor" as defined.</p>

4.2	<p>APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS</p> <p>See above 4.1</p>												
4.3	<p>PARTICULAR / GENERIC SPECIFICATIONS</p> <p>The Contractor is referred to the following documents whether attached to this document or not:</p> <table border="0"> <thead> <tr> <th data-bbox="268 429 496 464"><u>SPECIFICATION</u></th> <th data-bbox="1214 429 1321 464"><u>PAGES</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="268 464 1062 499">Specification for HIV/AIDS Awareness (CIDB)</td> <td data-bbox="1214 464 1401 499">HIV1 TO HIV3</td> </tr> <tr> <td data-bbox="268 499 1062 535">Specific Construction, Safety, Health and Environmental Plan</td> <td></td> </tr> <tr> <td data-bbox="268 535 712 570">Model Preambles for Trades 2008</td> <td data-bbox="1214 535 1302 570">1 to 49</td> </tr> <tr> <td data-bbox="268 570 674 605">General Electrical Specification</td> <td data-bbox="1214 570 1359 605">E/1 to E/20</td> </tr> <tr> <td data-bbox="268 605 674 640">Lightning Protection Installation</td> <td data-bbox="1214 605 1378 640">LP/1 to LP/6</td> </tr> </tbody> </table>	<u>SPECIFICATION</u>	<u>PAGES</u>	Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3	Specific Construction, Safety, Health and Environmental Plan		Model Preambles for Trades 2008	1 to 49	General Electrical Specification	E/1 to E/20	Lightning Protection Installation	LP/1 to LP/6
<u>SPECIFICATION</u>	<u>PAGES</u>												
Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3												
Specific Construction, Safety, Health and Environmental Plan													
Model Preambles for Trades 2008	1 to 49												
General Electrical Specification	E/1 to E/20												
Lightning Protection Installation	LP/1 to LP/6												
4.4	<p>CERTIFICATION BY RECOGNIZED BODIES</p> <p>Only contractors registered with the Electrical Contracting Board of South Africa in accordance with the Regulations of the Occupational Health and Safety Act will be accepted and permitted to do work under this contract.</p>												
4.5	<p>AGRÉMENT CERTIFICATES</p> <p>Not applicable</p>												
4.6	<p>PLANT AND MATERIAL PROVIDED BY THE EMPLOYER</p> <p>Not applicable</p>												
4.7	<p>SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER</p> <p>Not applicable</p>												
4.8	<p>OTHER SERVICES AND FACILITIES</p> <p>The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Administration.</p> <p>The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.</p> <p>The Contractor is advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.</p>												
5	<p><u>MANAGEMENT</u></p>												
5.1	<p>APPLICABLE SANS 1921 STANDARDS</p> <p>Tenderders are referred to SECTION 2 : SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 IN THIS DOCUMENT</p>												
5.2	<p>RECORDING OF WEATHER</p> <p>The Contractor shall keep record of abnormal climatic conditions to facilitate the adjudication of claims for extension of the contract period.</p>												

The Contractor shall allow in his programme for the following number of days for rain days (rain > 10mm per day) as per the table below:

CURRENT YEAR		YEAR + 1	YEAR + 2
January	w/days	3	3
February	w/days	3	3
March	w/days	3	3
April	w/days	3	3
May	w/days	3	3
June	w/days	3	3
July	w/days	3	
August	w/days	3	
September	w/days	3	
October	w/days	3	
November	w/days	3	
December	w/days	3	

5.3 MANAGEMENT MEETINGS

In order to facilitate the smooth functioning of the Works and to ensure the closest co-operation between all the parties concerned, the Employer will call for regular meetings to be held on the site, at which a senior member of the Contracting firm and the General Foreman of the Works will always be required to be present. In addition to the above, other persons will be required to attend these meetings as and when their presence is necessary, e.g., Consultants in all disciplines, representatives of the various Sub-Contractors, etc. Proper minutes of these meetings will be kept by the Employer\Principal Agent and copies will be circulated to all persons attending the meetings and to others who need to be kept informed.

5.4 FORMS FOR CONTRACT ADMINISTRATION

The Employer shall provide all necessary forms.

5.5 ELECTRONIC PAYMENTS

The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.

5.6 DAILY RECORDS

The Contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site. At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all Sub-Contractors on the works each day. At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.

5.7 BONDS AND GUARANTEES

The Contractor shall within 10 calendar days after receiving notice from the Engineer and prior to receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data.

5.8 PAYMENT CERTIFICATES

Requirements will be in accordance with the Employers prescriptions.

<p>4.12.1</p>	<p>Samples of materials</p> <p>The work is to be executed with materials of the best specified and in the most substantial and workmanlike manner under the inspection of the Employer and to his satisfaction. The Contractor shall furnish, without delay, such samples as called for or may be called for by the Employer, who may reject all materials or workmanship not corresponding with the approved sample. The samples of materials, workmanship and finishes that the Contractor is to provide and deliver to the employer are:</p> <ul style="list-style-type: none"> - Tile sample. - Brick sample. - Light fitting sample. - Screed panel 2m x 2m impact test. - Tested trial mix to be approved by the Engineer.
<p>4.12.2</p>	<p>Fabrication drawings that the contractor is to provide to the employer are:</p> <p>None</p>
<p>4.12.3</p>	<p>Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</p> <p>OFFICE FOR FOREMAN</p> <p>Provide, erect, maintain and remove at completion a suitable temporary office for the Contractor or his Foreman, perfectly secured, lighted and ventilated and having a desk with drawers.</p> <p>TELEPHONE</p> <p>The Contractor shall provide a telephone on the site for the use of the Contractor and all Sub-Contractors for the duration of the Contract, and must make the necessary application for connection, give all notices and pay all fees, rentals and charges for the service and also for all calls.</p> <p>OFFICE FOR INSPECTOR OF WORKS</p> <p>Provide, erect, maintain and remove at completion a well constructed temporary office for the Inspector of Works not less than 4 x 3 m on plan and 3 m high to eaves to the approval of the Employer. The office shall be constructed of wood framing covered externally with corrugated iron or corrugated asbestos and with a lean-to roof covered with the same material as the external wall covering. The office shall be lined internally with soft board or other approved material and a ceiling shall be provided of the same material as the internal lining. A suspended wood floor shall be provided and is to finish not less than 300 mm above the ground level. A lockable door and a window, which provides adequate light and ventilation, shall be fitted. An office constructed of 115 mm thick brick-work and provided with a screeded concrete floor and roofed and ceiled as above described may be accepted as an alternative but prior permission of the Employer will be necessary before construction of such an office is commenced and his requirements shall be stated and fulfilled by the Contractor. The office shall be fitted in an approved manner with a sloping topped desk of height and length suitable for the laying out and studying of drawings, a desk or table with not less than two lock-up drawers, shelves, seating and wash-stand, and the Contractor shall provide all necessary attendance.</p> <p>TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS</p> <p>The Contractor shall arrange for the installation of a lockable telephone in the Office for the Inspector of Works for the duration of the Contract. The Contractor will be required to make the necessary application for connection and give all notices on behalf of the Employer. The Employer will, however, be responsible for the direct payment of all fees, rentals and other charges by Telkom for the service for the Inspector of Works and for all calls made from this telephone.</p>

	<p>SHED</p> <p>Provide, erect, maintain and remove at completion, ample temporary sheds for the proper storage of materials and for the use of the workmen, and remove when no longer required.</p>
4.14.6	<p>The requirement for provision and erection of signboards are:</p> <p>Supply, erect, maintain and remove at completion a painted notice board, size overall 2800 x 2345 mm high sign written to detail as Drawing No. T9506 which drawing is available from offices of the Department of Public Works. Only the official notice board is to be displayed on the site and no Sub-Contractor's boards will be permitted. The Contractor, at his own cost, may provide a board on which all sub-contract firms' names may be sign written. The notice board is to be to the approval of the Employer and is to be maintained in first class condition and placed where directed at the entrance to the site and remain there for the duration of the Contract.</p>
4.17.1	<p>Requirement for the termination, diversion or maintenance of existing services:</p> <p>Should the Contractor come in contact with any underground cables or pipes during excavations, immediate notification must be made to the Employer and all work in the vicinity of such cables, pipes, etc., shall cease until authority to proceed has been obtained from the Employer. Should the Contractor damage underground cables or pipes resulting in a disruption of services to an existing institution such damage shall be repaired immediately.</p>
4.17.3	<p>Services which are known to exist on the site:</p> <p>Investigate and provide detail drawings.</p>
4.17.4	<p>Requirement for detection apparatus</p> <p>None</p>
4.18	<p>ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:</p> <p>By the submission of a tender, any Tenderder will, if awarded the contract to which this tender document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act. As a mandatory the successful Tenderder will be deemed to be the "principal contractor" and an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the service to which this tender document relates, all work will be performed and machinery and plant used in accordance with the Act. Should the Contractor, for whatever reason be unable to perform as required by the Act, the Contractor undertakes to inform the Employer accordingly.</p> <p>Tenderders are advised that it is a Condition of this Tender that a 'Construction Phase Safety, Health and Environmental Plan' specifically relates to the project for which tenders are being submitted and must be prepared by the Tenderder and submitted with the other tender documents at the time of tender. Failure to do so Tenderders are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this tender document, the Model Preambles to Trades - 2008, any project Specification included in this tender document and any and all drawings which are referred to and issued as part of this tender document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan' . Tenderders are also advised that such a plan which is submitted with a tender but is incomplete or considered inadequate by the Employer or his Representative will invalidate the tender.</p> <p>The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.</p>
4.22	<p>WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:</p> <p>[Provide list of applicable contractors]</p>

C3.2 - SPECIFICATION FOR HIV/AIDS AWARENESS

1 Scope

This generic specification contains requirements applicable to the reduction of the risk of transfer of the HIV virus between and among construction workers and the local community through the following four strategies:

- a) raising awareness about HIV/AIDS;
- b) providing construction workers with access to condoms;
- c) HIV counselling, testing and referral services; and
- d) Sexually Transmitted Infection diagnosis and treatment.

2 Normative references:

The following standard contains provisions that, through reference in this text, constitute provisions of this standard:

SANS 4074 ISO 4074, *Condom Rubbers*

3 Definitions and Abbreviations

3.1 Definitions

Construction Worker: all persons in the employ of the contractor or in the employ of any of the subcontractors contracted by the contractor.

Local Community: the communities local to the site which are most likely to have contact with the construction worker and, in particular, sex workers in those communities.

Service provider: the natural or juristic person recognised by the South African Department of Health as specialist in conducting Aids Awareness Programmes.

3.2 Abbreviations

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

4 Objectives

The objectives are to:

- a) reduce the risk of transfer of the HIV virus between and among construction workers and the local community;
- b) raise awareness amongst construction workers and the local community of the risk of infection with the HIV virus;
- c) promote early diagnosis; and
- d) assist affected individuals to access care and counselling.

5 Requirements

5.1 General requirement

The contractor shall, in order to satisfy the objectives stated in 4:

- a) make condoms complying with the requirements of SABS ISO 4074 available to all construction workers at readily accessible points on the site, suitably protected from the elements, for the duration of the contract;
- b) either place and maintain HIV/AIDS awareness posters of size of not less than A1 in areas which are highly trafficked by construction workers, or provide construction workers with a pamphlet, in languages largely understood by construction workers, which
- c) encourage voluntary HIV/STI testing;
- d) provide information concerning counselling, support and care of those that are infected services; and
- e) comply with the requirements of 5.2.

The provisions of 5.1 c) and d) do not apply to this contract.

5.2 HIV awareness programme

5.2.1 The contractor shall:

- a) engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme which is structured to achieve the outcomes stated in 5.2.3 for contract workers as soon as a construction workers camp is established and populated or, where no such camp is established, within two weeks of the commencement of a significant portion of the works and at subsequent intervals, if any, provided for in the scope of works; and
- b) arrange for, provide a suitable venue, and instruct all construction workers to attend the HIV Awareness Programme and notify the Employer's Representative of the date, time and venue whenever a session with construction workers is conducted.

Note: The National Department of Public Works maintains a list of qualified service providers.

5.2.2 The contractor shall do nothing to dissuade construction workers from attending such an HIV Awareness Programme and shall take all reasonable steps to ensure that a minimum of 90% of construction workers engaged in the works attend such a programme, when it is conducted.

5.2.3 The outcomes of the HIV Awareness Programme shall as a minimum, result in contract workers exposed to such a programme being able to:

- a) communicate the existence of problems of HIV and be able to outline the consequences of transmission of HIV to or from the local community;
- b) recall and communicate the mode of HIV transmission and preventative measures including the proper use of the condom.

The HIV/ Aids awareness programme described in 5.2 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)

5.3 Reporting

- 5.3.1** The contractor shall prepare and attach to his claims for payment a brief report which outlines how the actions taken by the contractor in the period for which payment is claimed satisfy the requirements and a schedule which lists the names, identity numbers, trade / occupation and name of employer of all construction workers exposed to the programme (see **HIV/STI Compliance Report**).
- 5.3.2** The employer's representative shall certify the report and schedule described in 5.3.1 whenever a claim for payment is issued to the employer.

Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Public Works) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum.

The *HIV /Aids* awareness programme described in 5.2 shall in addition *be conducted* for the benefit of the local community on two occasions in the community centre nearest to the building site. The contractor shall be *responsible* for inviting identifiable community-based *institutions and organisations, churches, and schools to participate in the programme.*

C3.3 - HIV/STI COMPLIANCE REPORT

Pro-forma reporting format in terms of the SPECIFICATION FOR HIV/AIDS AWARENESS

Project Code:

080773

Payment Claim number:

Period covered by payment claim:

1. Distribution of condoms (briefly describe where and how condoms are distributed).

2. Posters / pamphlets (briefly describe where posters were placed / how pamphlets were distributed).

3. Voluntary testing (briefly describe the actions taken / information provided to promote testing).

4. Counselling, support and care (summarise information provided).

5. HIV awareness programme (briefly describe action).



KWAZULU-NATAL PROVINCE
PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

PART C4. SITE INFORMATION

C4.1 SITE INFORMATION
GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)

Project title:	MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)		
Tender No.	ZNTU04276W	Project Code:	080773

C4.1 Site Information

C4.1	<p>GENERAL</p> <p>(a) The site is situated within the premises of the Mathole High School. The site will be accessible at all times and bidders are required to do an inspection of the site.</p> <p>(b) Works will be carried out whilst the existing buildings remain fully operational.</p> <p>(c) No additional information is available.</p>
C4.2	<p>GEOTECHNICAL INVESTIGATION REPORT</p> <p>(a) Geotechnical Report attached please refer to the Annexures.</p>



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

PART C5 - DRAWINGS / ANNEXURES

ANNEXURES	
Annexure 1	Model Preambles for Trades 2008
Annexure 2	General Electrical Specifications
Annexure 3	Lightning Protection Specifications
Annexure 4	Map of Tender submission location
Annexure 5	Joint Venture Agreement
Annexure 6	Health and Safety Specification
Annexure 7	Health and Safety Bill of Quantities
Annexure 8	Builders Lien Agreement
Annexure 9	Geotechnical Investigation Report (If applicable)
Annexure 10	EPWP Employment Contract
Annexure 11	Attendance Register - Infrastructure and Other projects
Annexure 12	EPWP Data Collection tool for Phase 3 system
Annexure 13	Electrical - Supplementary Preambles
Annexure 14	Electrical Project Specifications

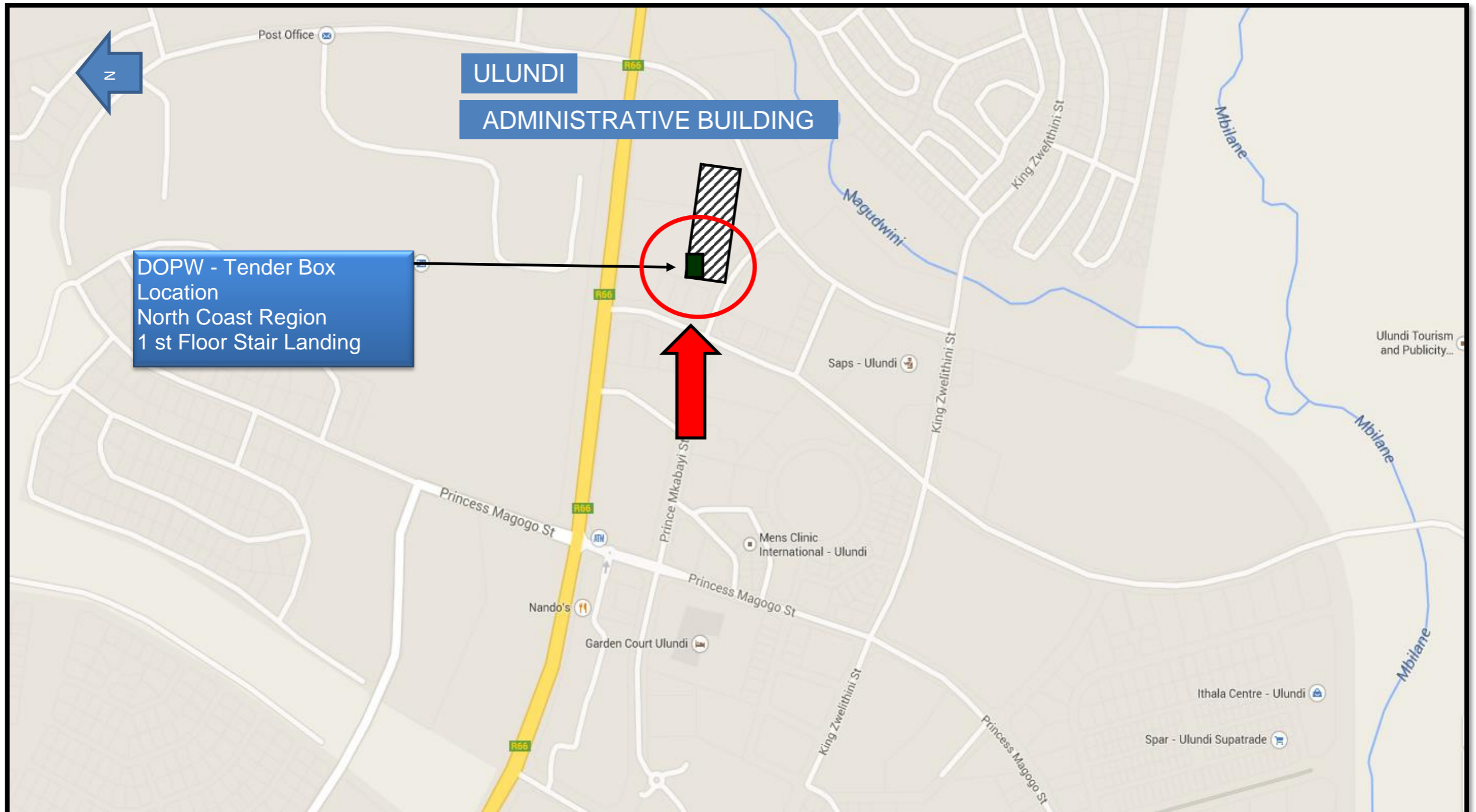


KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS
058813)**

ANNEXURES





Annexure 5
Joint Venture Agreement
(March 2004)
(First Edition of CIDB document 1017)

1. **PREAMBLE**

This agreement is made and entered into by and between

of the first part and

of the second part and

of the third part.

(allow for additional parties as necessary).

Whereas the foregoing parties have resolved to form a Joint Venture under the title of

for the exclusive purposes of securing and/or executing the Contract to be awarded by

(name of Employer)

to the KZN Department of Public Works in respect of the following project:

for (brief description of Contract)

MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)

Now it is hereby agreed as follows :

2. **DEFINITIONS AND INTERPRETATION**

2.1 **Definitions**

The following words and expressions shall have the meanings indicated, except where the context otherwise requires. Defined terms and words are, in general, signified in the text of the Agreement by the use of capital initial letters, but the absence of such letters does not necessarily signify that a term, or word, is not defined.

'Agreement' means the agreement between the Members of the Joint Venture and includes this model form of agreement together with the Preamble, Specific Provisions, if any, Schedules 'A', 'B' and 'C' and any relevant Documents prepared prior to the signing of the Agreement and appended thereto.

'Contract' means the contract with the Employer for the supply of the Deliverables, for the purposes of securing and executing which, the Joint Venture has been formed.

'Deliverables' means the works and/or services, equipment, materials, goods, etc. to be furnished by the Joint Venture to the Employer in terms of the Contract.

'Document' means any written, drawn, typed, printed, or photographic material, which relates to the Agreement.

'Employer' means the person, or body, which is to award the Contract and will employ the Joint Venture if it is awarded the Contract.

'Joint Venture' means the joint venture formed by the Members in accordance with the Agreement.

'Management Committee' means the body established in terms of the Agreement to manage all aspects of the work of the Joint Venture in securing and executing the Contract and in meeting the provisions for the Agreement.

'Member' means a person, or body which, being a party to the Agreement, is a member of the Joint Venture.

'Member's Interest' means the proportion expressed as a percentage, which the total monetary value of all resources provided and contributions made by a Member towards the execution by the Joint Venture of the Contract bears to the total of such values by all Members and, unless otherwise indicated in the Agreement, represents the extent to which the Member participates in the fortunes of the Joint Venture.

'Representative' means the person representing a Member on the Management Committee.

'Schedules' means Schedules 'A', 'B' and 'C' which set out general, financial and other information relating to the Members and the obligations, duties, rights, risks and benefits arising from their participation in the Joint Venture.

'Specific Provisions' means the variations, if any, required to this standard form of agreement for the specific purposes of the Agreement.

2.2 Interpretation

Unless inconsistent with the context, an expression in the Agreement which denotes:

- any gender shall include the other genders
- a natural person shall include a juristic person and vice versa
- the singular shall include the plural and vice versa

2.3 Headings

The headings to clauses of the Agreement shall not be considered part thereof, nor shall the words they contain be taken into account in the interpretation of any clause.

2.4 Law

The Agreement shall be construed in accordance with and governed by the laws of the Republic of South Africa and the English language versions shall prevail.

2.5 Language

English shall be exclusively used by the Members in the preparation of Documents unless otherwise indicated.

2.6 Conflict between Agreement and Contract

Should any provision of the Agreement be in conflict with the terms of the Contract, the Agreement shall be amended to the approval of the Management Committee so as to eliminate the conflict.

3. **JOINT VENTURE GENERAL**

3.1 Establishment and Purpose

The Joint Venture established by the Members in terms of the Agreement is an unincorporated association with the exclusive purposes of securing and executing the Contract for the benefit of the Members.

3.2 Termination

The operation of the Joint Venture and the validity of the Agreement shall terminate if and when it becomes evident that the Joint Venture will not be awarded the Contract, or, if the Joint Venture secures the Contract, when all obligations and rights of the Joint Venture and the Members in connection with the Contract and the Agreement have ceased and/or been satisfactorily discharged.

Unless otherwise decided by the Management Committee, the Agreement shall not terminate if a Member changes its name, or is taken over by, or merged with, another body.

This agreement will terminate when any one of the Members resigns, are liquidated or opts out of this agreement and the Joint Venture will be in breach of contract with the Employer and their contract could be cancelled.

3.3 Exclusivity

Unless otherwise agreed by the Management Committee, or provided for in the Contract no Member shall engage in any activity related to the Contract other than as a Member of the Joint Venture and Members shall ensure that their subsidiaries and other bodies over which they have control comply with this requirement.

3.4 Participation of Members

Except as may otherwise be stipulated in the Agreement, each Member shall be responsible for all costs incurred by it prior to the date of inception of the Agreement.

Subsequent to the date of inception of the Agreement, each Member shall, participate in the operations, risks, responsibilities and fortunes of the Joint Venture including, inter alia, the provision of funding, sureties, guarantees, insurances, human and other resources and participation in profits and losses to the extents indicated in the Schedules. Participation in any aspect not covered in the Schedules shall, if an agreement cannot be reached between the Members, be to the same extents as indicated by the Members Interests.

3.5 Management

The affairs of the Joint Venture shall be directed and controlled by the Management Committee, as set out in Section 4 hereof.

3.6 Confidentiality

All matters relating to the Agreement and the Contract shall be treated by the Members as confidential and no such matter shall be disclosed to any third party without the prior written approval of the Management Committee.

No Member shall be party to the dissemination of publicity relating to the Contract, or the Agreement, without the prior written approval of the Management Committee and the Employer.

3.7 Assignment

No Member shall cede, assign, or in any other way make over any of its rights, or obligations, under the Agreement without the prior written consent of the Management Committee.

3.8 Subcontracting

No Member shall subcontract any obligation, work or duty for which it is, itself, responsible in terms of the Agreement without the prior written consent of the Management Committee.

3.9 Variations to Agreement

No variation, modification, or waiver of any part of the Agreement shall be of any force, or effect, unless unanimously agreed by the Members and reduced to writing.

3.10 Liability

Each Member warrants that it will indemnify the other Members against all legal liabilities arising out of, or in connection with the performance of its obligations under the Agreement.

It is acknowledged by the Members that they may be held jointly and severally liable in respect of claims against the Joint Venture by the Employer or third parties.

4. MANAGEMENT OF JOINT VENTURE

4.1 General

The affairs of the Joint Venture shall be directed, controlled and managed by the Management Committee, which, within the terms of the Agreement and the Contract, shall have full authority to bind the Members in all matters relating to the affairs of the Joint Venture.

Communication between the Joint Venture and the Employer, or third parties, relating to the Contract shall be conducted exclusively by the Management Committee, or by such person as it may delegate to perform this function.

The Management Committee shall have the power to appoint a project manager and/or such other persons as it may see fit to appoint for the purpose of executing the Contract and may delegate such of its powers, responsibilities and duties as it may consider necessary, or desirable, to persons or bodies appointed or seconded for this purpose.

Such administrative functions as are necessary to ensure the effective operation of the Management Committee shall be performed by its chairman.

4.2 Management Committee

4.2.1 Composition

The Management Committee shall, unless otherwise agreed by all the Members, consist of one Representative of each Member and each Member shall be obliged, at all times, to maintain a Representative on the Management Committee.

Each member shall, not later than three working days after the signing of the Agreement, appoint its Representative and notify the other Members of the name and contact details of the Representative. Such Representative shall have the power to bind the Member that he represents in all matters relating to the execution of the Contract and the performance of the Agreement.

A Member shall be entitled, after giving the other Members not less than three working days written notice of his intention to do so, appoint, remove and/or replace, an alternate who shall, at any meeting of the Management Committee from which the Representative whom he represents is absent, be vested with all rights and powers and subjected to all the obligations of the absent Representative.

The chairman of the Management Committee shall be the Representative of the Member which has the largest Member's Interest. If two, or more, Members have the same, largest Member's Interest, the chairmanship shall rotate between the Representatives of such Members at three monthly intervals, the order of rotation to be determined by ballot.

Notwithstanding the foregoing, the chairmanship of the Management Committee may be determined, or changed, at any time by unanimous decision of the Management Committee.

No remuneration shall be paid by the Joint Venture to Representatives or their alternates for serving on the Management

4.2.2 *Meetings*

Meetings of the Management Committee shall take place at such times and places as the Management Committee may determine, provided that the chairman shall convene a meeting of the Management Committee to be held not later than ten working days after he has been requested, in writing, by a Member to do so. Not less than five working days written notice of any meeting of the Management Committee shall be given to all Representatives and their alternates.

The Management Committee may permit, or invite, persons other than Representatives or alternates to attend any of its meetings, but such persons shall not have voting rights.

4.2.3 *Decisions*

Each Representative shall have one vote on the Management Committee and where, in terms of this clause, a casting vote is required, this shall be exercised by the chairman.

All decisions of the Management Committee shall, desirably, be unanimous. Accordingly, if unanimity cannot, initially, be achieved in regard to a decision, the meeting at which that decision is sought shall be adjourned for a period of 48 hours to enable Representatives to consult with their principals. If, on resumption of the adjourned meeting, unanimity can still not be achieved, the decision, provided it is not one requiring unanimity of the Members, shall be taken by majority vote and, in the event of a tie, the chairman shall exercise a casting vote.

A Member not satisfied with a majority decision of the Management Committee may declare a dispute, to be dealt with in terms of Clause 8 hereof, but the majority decision shall, nevertheless, be implemented with immediate effect.

Decisions of the Management Committee, whether taken at a meeting, or otherwise, shall be recorded in written minutes, which shall be distributed by the chairman to reach the Representatives not later than five working days after those decisions were taken. Such minutes shall be deemed to have been affirmed by the Representatives unless written notice of dissent is received by the chairman not later than three working days after receipt of the minutes by the Representative.

4.2.4 Powers and duties

The functions, responsibilities and powers of the Management Committee shall include, inter alia, those listed below:

4.2.4.1 Formulating overall policy in regard to the achievement of the objectives of the Joint Venture.

4.2.4.2 Managing the day to day affairs of the Joint Venture.

4.2.4.3 Monitoring, directing and co-ordinating the activities of the Members to ensure that the objectives of the Joint Venture are achieved and that the obligations and responsibilities of the individual Members are met.

4.2.4.4 Monitoring and controlling the financial affairs of the Joint Venture and ensuring that proper books of account and financial records relating to affairs of the Joint Venture are maintained in an approved form and submitted to the Management Committee for approval at regular intervals, which shall not be longer than one month.

4.2.4.5 Determining the necessity for and the details of any changes in the duties and responsibilities of Members provided that any resulting changes in Members' Interests shall be unanimously approved by the Members.

4.2.4.6 Determining the terms and conditions of employment of personnel and the emoluments applicable to staff seconded to the Joint Venture by the Members.

4.2.4.7 Controlling and approving the appointment of all subcontractors.

4.2.4.8 Procuring, after the completion of the Contract and the release of all bonds, guarantees and sureties given in respect of the performances of the Joint Venture and the Members, the preparation and auditing of a final set of accounts, on the basis of which the final profits, or losses, attributable to the individual Members shall be determined and any necessary adjustments effected.

5 **RESOURCES OF JOINT VENTURE**

The resources to be utilised by the Joint Venture in securing and executing the Contract shall, insofar as these are to be provided directly by the Members, be as set out in the Schedules and may, from time to time, be amended by decision of the Management Committee, provided that the Member's Interests are not, except with the unanimous approval of the Members, affected thereby.

Similarly, specific areas of responsibility of the Members for the performance of work and the provision of facilities shall be as set out in the Schedules and may, from time to time, be amended by decision of the Management Committee, provided that the Members' Interest are not, except with the unanimous approval of the Members, affected thereby.

5.1 Schedule 'A' (General)

Schedule 'A' shall contain general information relating to the Joint Venture including, inter alia, the following :

1. The Employer's name and address.
2. A brief description of the Contract and the Deliverables.
3. The name, physical address, communications addresses and domicilium citandi et executandi of each Member and of the Joint Venture.
4. The Members' Interests.
5. A statement indicating whether, or not, Specific Provisions apply to the Agreement.
6. A schedule of insurance policies which must be taken out by the Joint Venture and by the individual Members.
7. A Schedule of sureties, indemnities and guarantees that must be furnished by the Joint Venture and by the individual Members.

8. Details of the persons, who, in the event of failure by the Members to reach agreement on the appointments of mediator and arbitrator, will nominate appointees to these positions in terms of Clauses 8.2 and 8.3.

5.2 Schedule 'B' (Financial)

Schedule 'B' shall contain information regarding the financial affairs of the Joint Venture including, inter alia, the following :

1. The working capital required by the Joint Venture and the extent to which and manner whereby this will be provided and/or guaranteed by the individual Members from time to time.
2. The banking accounts that are to be opened in the name of the Joint Venture and the manner in which these are to be operated.

3. The rates of interest that will be applicable to amounts by which Members are in debit, or credit, to the Joint Venture.

4. The names of the auditors and others, if any, who will provide auditing and accounting services to the Joint Venture.

5. The intervals at which interim financial accounts and forecasts will be prepared for approval by the Management Committee.

6. Insofar as not covered in Schedule 'C', the basis on which contributions of various types by the Members towards the work of the Joint Venture in securing, executing, managing and satisfactorily completing the Contract, will be valued.

7. The basis on which profits and/or surplus cash will, if available from time to time, be distributed to Members.
8. The basis upon which losses, if any, are to be apportioned to Members.

5.3 Schedule 'C' (Contributions by Members)

Schedule 'C' shall set out the contributions of various types, other than cash, that will be made by the individual Members towards the work and obligations of the Joint Venture and shall, as far as possible, indicate the monetary values to be placed on such contributions, which may include, inter alia, the following :

1. Staff seconded to the Joint Venture.
2. Work carried out and services provided to, or on behalf of, the Joint Venture.
3. Plant, equipment, facilities etc. made available for use by the Joint Venture.
4. Materials and goods supplied to, or on behalf of, the Joint Venture.
5. Licences, sureties, guarantees and indemnities furnished to, or on behalf of, the Joint Venture.
6. Joint Venture Disclosure form required for the Contract.

6. BREACH OF AGREEMENT

If a Member breaches any material provision of the Agreement, or delays or fails to fulfil its obligations in whole, or in part, and does not remedy the situation within fourteen calendar days of receipt of notice from the Management Committee, or another Member, to do so, the other Members shall have the right, without prejudice to any other rights arising from the default, to summarily terminate the Agreement and re-assign the defaulting Member's rights and obligations in the Joint Venture as they see fit and withhold any moneys due to the defaulting member by the Joint Venture.

Each Member shall indemnify the other Members against all losses, costs and claims which may arise against them in the event of the Agreement being terminated as a result of breach of the Agreement by the said Member.

7. INSOLVENCY OF MEMBER

Should a Member be placed in liquidation, or under judicial management, whether provisionally or finally, or propose any compromise with its creditors, the other Members shall be entitled to proceed in terms of Clause 6, as if the Member had breached the Agreement.

8. DISPUTES

8.1 Settlement

The Members shall negotiate in good faith and make every effort to settle any dispute, or claim, that may arise out of, or relate to, the Agreement.

If agreement cannot be reached, an aggrieved Member shall, if he intends to proceed further in terms of Clause 8.2 hereof, advise all other Members in writing that negotiations have failed and that he intends to refer the matter to mediation in terms of Clause 8.2.

8.2 Mediation

Not earlier than ten working days after having advised the other Members, in terms of Clause 8.1, that negotiations in regard to a dispute have failed, an aggrieved Member may require that the dispute be referred, without legal representation, to mediation by a single mediator.

The mediator shall be selected by agreement between the Members, or, failing such agreement, by the person named for this purpose in Schedule 'A'. The costs of the mediation shall be borne equally by all Members.

The mediator shall convene a hearing of the Members and may hold separate discussions with any Member and shall assist the Members in reaching a mutually acceptable settlement of their differences through means of reconciliation, interpretation, clarification, suggestion and advice. The Members shall record such agreement in writing and thereafter they shall be bound by such agreement.

The mediator is authorised to end the mediation process whenever in his opinion further efforts at mediation would not contribute to a resolution of the dispute between the Members.

8.3 Arbitration

Where a dispute or claim is not resolved by mediation, it shall be referred to arbitration by a single arbitrator to be selected by agreement between the Members or, failing agreement, to be nominated by the person named for this purpose in Schedule 'A'.

The Member requiring referral to arbitration shall notify the other Members, in writing, thereof, not later than thirty calendar days after the mediator has expressed his opinion, failing which the mediator's opinion shall be deemed to have been accepted by all Members and shall be put into effect.

Arbitration shall be conducted in accordance with the provisions of the Arbitration Act No. 42 of 1965, as amended, and in accordance with such procedure as may be agreed by the Members or, failing such agreement, in accordance with the rules for the Conduct of Arbitrations published by the Association of Arbitrators and current at the date that the arbitrator is appointed.

The decisions of the arbitrator shall be final and binding on the Members, shall be carried into immediate effect and, if necessary, be made an order of any court of competent jurisdiction.

9. DOMICILIUM

The Members choose domicilium citandi et executandi for all purposes of and in connection with the Agreement as stated in Schedule 'A'. A Member shall be entitled to change his domicilium from time to time, but such change shall be effective only on receipt of written notice of the change by all other Members.

Member No. 1

Thus done and signed at _____ this ____ day of _____ 20__

For and on behalf of _____ [Company]

by [name] _____ who warrants his authority to do so.

As witnesses 1. _____

As witnesses 2. _____

Member No. 2

Thus done and signed at _____ this ____ day of _____ 20__

For and on behalf of _____ [Company]

by [name] _____ who warrants his authority to do so.

As witnesses 1. _____

As witnesses 2. _____

Member No. 3

Thus done and signed at _____ this _____ day of _____ 20____

For and on behalf of _____ [Company]

by [name] _____ who warrants his authority to do so.

As witnesses 1. _____

As witnesses 2. _____

[Allow for additional parties as necessary].

Annexure 6

Occupational Health and Safety Specification

(OHSE SPEC)



KWAZULU-NATAL PROVINCE

PUBLIC WORKS
REPUBLIC OF SOUTH AFRICA

Project Name:

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION
COMPLETION CONTRACT (WIMS 058813)**

Project Code:

080773

Agent Name:

Ms. L. Ntuli (Head Office)

Region:

Northern Region

District:

Ulundi

Ward no.:

0

SEE ANNEXURE 6

HEALTH AND SAFETY IMPLEMENTATION COSTING

Contractor to give a breakdown of his Health and Safety costs on this sheet.

ITEM	DESCRIPTION	UNIT	QUAN- TITY	MONTHS (Indicative)	RATE	AMOUNT
			(a)		(b)	(a) x (b)
1	MEDICALS					
1.1	Pre-employment medical	Nr.	-			
1.2	Re-medicals - yearly	Nr.	-			
	TOTAL					
2	PERSONAL PROTECTIVE EQUIPMENT					
2.1	Overalls	Nr.				
2.2	Hard Hats	Nr.				
2.3	Safety boots/shoes	Nr.				
2.4	Gloves	Nr.				
2.5	Gumboots steel toe cap	Nr.				
2.6	Safety glasses	Nr.				
2.7	Reflector Bibs	Nr.				
2.8	Barricading Material	M				
2.9	Dust masks	Box 20				
	TOTAL					
3	FIRE FIGHTING					
3.1	Fire extinguishers - 4.5Kg	Nr.				
3.2	Surveys - Annual Service	Nr.				
	TOTAL					
4	HEALTH AND SAFETY PERSONNEL					
4.1	Safety Manager	Nr.				
4.2	Safety Officer	Nr.				
4.3	Construction Phase Safety, Health, Environmental and Waste Management Plan	Nr.				
	TOTAL					
5	FACILITIES					
5.1	Provision of ablution facilities	Nr.				
5.2	Service and maintenance of ablution facilities	Nr.				
5.3	Provision of eating areas	Nr.				
5.4	Cleaning of Lay down and other storage areas	Nr.				
5.5	Wash hand basin	Nr.				
5.6	Hot and Cold running water	Nr.				
5.7	Degreasing & Toilet soap	Nr.				
	TOTAL					
6	FALL PREVENTION / PROTECTION					
6.1	Safety harnesses with double lanyards	Nr.				
6.2	Safety harnesses with Scaffold hooks	Nr.				

6.3	Lifelines and vertical fall arrest systems	Nr.			
6.4	Scaffolding – material, erection and inspection (Estimate for project)	Nr.			
6.5	Temporary hand railing material and kick flats	Nr.			
6.6	Chin Straps	Nr.			
	TOTAL				
7	FIRST AID				
7.1	Replenishment of boxes and other supplies	Nr			
	TOTAL				
8	TRAINING				
8.1	SHE Representative	Nr.			
8.2	First Aid Level 1	Nr.			
8.3	Fire Fighting	Nr.			
	TOTAL				
9	SIGNAGE				
9.1	All Signage as required by Law, regulatory, warning and information	Nr.			
9.2	Posters for awareness	Nr.			
	TOTAL				
10	ELECTRICAL				
10.1	Replacement of Locks required for lockouts	Nr.			
10.2	Replacement of tags	Nr.			
10.3	Replacement for Permit books	Nr.			
10.4	Replacement of Callipers	Nr.			
	TOTAL				
11	OTHERS (Project Specific)				
11.1		Nr.			
	TOTAL				
GRAND TOTAL TO BE CARRIED TO THE PRELIMINARIES AND GENERAL IN BILL OF QUANTITIES					

WAIVER OF CONTRACTOR'S LIEN

DEFINITIONS

Contractor: _____

Employer: Head: Public Works (KZN Department of Public Works: Province of KwaZulu-Natal)

Agreement: GCC FOR CONSTRUCTION WORKS - SECOND EDITION 2010

Works (description):

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT
(WIMS 058813)**

Site:

North Coast Region: Ulundi: Zululand District Municipality: Buthelezi Tribal Authority:
Mbambankunzi: D1718

AGREEMENT

The Contractor waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site

Thus done and signed at _____ on _____
[Date]

Name of signatory

Capacity of signatory

As witness

For and on behalf of the contractor who by
signature hereof warrants authorisation
hereto



(Insert Your Company Logo)

(This shall serve as the cover page on employment contracts for local labour)

EMPLOYMENT AGREEMENT

BETWEEN

[CONTRACTOR NAME].....

AND

[WORKER NAME].....

1. PARTIES

The Parties to this Agreement are -

1.1. Contractor: _____
herein represented by: _____
duly authorised thereto

And

1.2. Mr / Me: _____
[worker's name]

2. DEFINITIONS AND INTERPRETATION

2.1. In this Agreement and any Annexure thereto, unless inconsistent with or otherwise indicated by the context-

“Agreement” means the contents of this Agreement.

“Company” means the company that employs the worker

“Department” means the Department of Public Works

“Worker” is a person that performs a specific or necessary task or who completes tasks in a certain way

“EPWP” The Expanded Public Works Programme is a government programme aimed at the alleviation of poverty and unemployment. The programme ensures the full engagement on Labour Intensive Methods of Construction (LIC) to contractors for skills development. The EPWP focuses at reducing unemployment by increasing economic growth by means of improving skills levels through education and training and improving the enabling environment for the industry to flourish.

3. PURPOSE

The purpose of this agreement is to:-

Ensure that the agreement is binding to both the Worker and the Employer.

4. TERMS AND CONDITIONS

- The worker will have no entitlement to the benefits of a full time employee, namely;

- The worker should not have the expectation that this contract will be renewed or extended.
- The worker will be subject to all laws, rules, policies, codes and procedures applicable to the;

- The worker must meet the standards and requirements of the contractor
- The worker must render his/her services during normal working hours of minimum of forty to fifty five hours in any week; which comprise of an eight-hour working day in a five-day week.

5. REMUNERATION

The worker will receive compensation to the amount of R_____00 which must be paid by the 25th or on the last day of each month.

6. ROLES AND RESPONSIBILITIES

6.1 Employer / Worker

- Work for _____ in terms of the period as specified in the employment agreement contract.
- Be available for and participate in all learning and work experience required by the company.
- Comply with workplace policies and procedures.
- Complete any attendance or any written assessment tools supplied by the contractor to record relevant workplace experience.
- Demonstrate willingness to grow and learn through work experience.

Provide the following documentation to the employer,

- Certified identity document not longer than 3 months
- ID size photos
- Sign employment contract

6.2 Employer

- Employ the worker for a period specified in the agreement.
- Provide the worker with appropriate work based experience in the work environment.
- Facilitate payments of wages / stipends.
- Keep accurate records of workers.
- Where a worker/ learner is disabled, the employer will have to provide in the additional needs e.g. special materials, learning aids and in some cases physical or professional support (such aids remain the property of the employer).
- Keep up to date records of learning and discuss progress with the intern on a regular basis.
- Apply fair disciplinary, grievance and dispute resolution procedures to the worker.
- Prepare an orientation/ induction course to introduce worker/ learner to the workplace and specific workplace requirements.
- Ensure the daily attendance register is signed by the worker.

7. DURATION.

This agreement commences on: _____

and

expires on: _____

8. BREACH.

If either party commits any breach of the terms of this contract (and fails to rectify it within 30 days of receipt of a written notice calling it to do so, then) the other party shall be entitled to terminate the contract or to claim specific performance without prejudice to any of its other legal rights, including its rights to claim damages.

9. CONDITIONS OF EMPLOYMENT

9.1. Meal Breaks

- 9.1.1 A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.
- 9.1.2 An employer and worker may agree on longer meal breaks.
- 9.1.3 A worker may not work during a meal break. However, an employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An employer must take reasonable steps to ensure that a worker is relieved of his or her duties during the meal break.
- 9.1.4 A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on the basis of time worked must be paid if the worker is required to work or to be available for work during the meal break.

9.2. Special Conditions for Security Guards (Only applicable to security Guards)

- 9.2.1 A security guard may work up to 55 hours per week and up to eleven hours per day.
- 9.2.2 A security guard who works more than ten hours per day must have a meal break of at least one hour or two breaks of at least 30 minutes each.

9.3. Weekly Rest Period

Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work ("emergency work").

9.4. Work on Sundays and Public Holidays

- 9.4.1 A worker may only work on a Sunday or public holiday to perform emergency or security work.
- 9.4.2 Work on Sundays is paid at the ordinary rate of pay.

9.4.3 A task-rated worker who works on a public holiday must be paid;

- (a) the worker's daily task rate, if the worker works for less than four hours;
- (b) double the worker's daily task rate, if the worker works for more than four hours.

9.4.4 A time-rated worker who works on a public holiday must be paid

- (a) the worker's daily rate of pay, if the worker works for less than four hours on the public holiday;
- (b) double the worker's daily rate of pay, if the worker works for more than four hours on the public holiday.

9.5 Sick leave

9.5.1 Only workers who work more than 24 hours per month have the right to claim sick-pay in terms of this clause.

9.5.2 A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a contract.

9.5.3 A worker may accumulate a maximum of twelve days' sick leave in a year.

9.5.4 Accumulated sick-leave may not be transferred from one contract to another contract.

9.5.5 An employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.

9.5.6 An employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.

9.5.7 An employer must pay a worker sick pay on the worker's usual payday.

9.5.8 Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is

- (a) absent from work for more than two consecutive days; or
- (b) absent from work on more than two occasions in any eight-week period.

9.5.9 A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorised to issue medical certificates indicating the duration and reason for incapacity.

9.5.10 A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

9.6 Maternity Leave

9.6.1 A worker may take up to four consecutive months' unpaid maternity leave.

9.6.2 A worker is not entitled to any payment or employment-related benefits during maternity leave.

9.6.3 A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.

9.6.4 A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.

9.6.5 A worker may begin maternity leave as follows;

- (a) four weeks before the expected date of birth; or
- (b) on an earlier date
 - (i) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or
 - (ii) if agreed to between employer and worker; or

- (c) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.

10.6 A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.

9.7. Family responsibility leave

9.7.1 Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances;

- (a) when the employee's child is born;
- (b) when the employee's child is sick;
- (c) in the event of a death of
 - (i) the employee's spouse or life partner;
 - (ii) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild or sibling.

9.8. Keeping Records

9.8.1 Every employer must keep a written record on site for the duration of the project and three (3) year after completion records should consists of at least the following;

- (a) the worker's name and position;
- (b) copy of an acceptable worker identification
- (c) in the case of a task-rated worker the number of tasks completed by the worker;
- (d) in the case of a time-rated worker, the time worked by the worker;
- (e) payments made to each worker in a form of Proof of Payment, Payroll registers and the acknowledgement of payment receipt signed by the worker.

9.8.2 The employer must keep this record for a period of at least three years after the completion of the EPWP.

9.9. Payment

9.9.1 An employer must pay all wages at least monthly in cash or by cheque or into a bank account.

9.9.2 A worker may not be paid less than the Ministerial Determination wage rate.

9.9.3 A task-rated worker will only be paid for tasks that have been completed.

9.9.4 An employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the contractor having submitted an invoice to the employer.

9.9.5 A time-rated worker will be paid at the end of each month.

9.9.6 Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.

9.9.7 Payment in cash or by cheque must take place

- (a) at the workplace or at a place agreed to by the worker;
- (b) during the worker's working hours or within fifteen minutes of the start or finish of work;
- (c) in a sealed envelope which becomes the property of the worker.

9.9.8 An employer must give a worker the following information in writing

- (a) the period for which payment is made;
- (b) the numbers of tasks completed or hours worked;
- (c) the worker's earnings;
- (d) any money deducted from the payment;
- (e) the actual amount paid to the worker.

9.9.9 If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it.

9.9.10 If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.

9.10. Inclement weather

If no work has begun on site, and if an employee has reported for work, the employee will be paid for four hours. Should work be stopped after the first four hours, the employee will be paid for the hours worked. Where the employer has given employees notice on the previous working day that no work will be available due to inclement weather, then no payment will be made.

9.11. Deductions

9.11.1 An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.

9.11.2 An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.

9.11.3 An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement of Law; court order or arbitration

9.11.4 It is the responsibility of the employers to arrange for all persons employed on a Project to be covered in terms of the Unemployment Insurance Fund Contributions Act, 2002 (Act No. 4 of 2002)

9.11.5 An employer may not require or allow a worker to

- (a) repay any payment except an overpayment previously made by the employer by mistake;

- (b) state that the worker received a greater amount of money than the employer actually paid to the worker; or
- (c) pay the employer or any other person for having been employed.

9.12. Health and Safety

9.12.1 Employers must take all reasonable steps to ensure that the working environment is healthy and safe.

9.12.2 A worker must;

- (a) work in a way that does not endanger his/her health and safety or that of any other person;
- (b) obey any health and safety instruction;
- (c) use any personal protective equipment or clothing issued by the employer;
- (d) report any accident, near-miss incident or dangerous behaviour by another person to their employer or manager.

9.13. Compensation for Injuries and Diseases

9.13.1 It is the responsibility of the employers to arrange for all persons employed on a Project to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993 as amended by COIDA Act 61, 1997.

9.13.2 A worker must report any work-related injury or occupational disease to their employer or manager.

9.13.3 The employer must report the accident or disease to the Compensation Commissioner.

9.13.4 An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

9.14. Termination

9.14.1 The employer may terminate the employment of a worker for good cause after following a fair procedure.

9.14.2 A worker will not receive severance pay on termination.

9.14.3 A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.

9.14.4 A worker **who is absent for more than three consecutive days** without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available.



EXPANDED PUBLIC WORKS PROGRAMME

The Attendance Register for on-site Workers

Reporting month: _____

Cell No: _____

Surname: _____

First Name: _____

Project Name: **MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION COMPLETION CONTRACT (WIMS 058813)**

Project Code: **080773**

Tender No **ZNTU04276W**

IDENTITY NUMBER:

Day	Date	Time In	Signature	Time Out	Signature	Report On Any Formal Training Provided In The Reporting Month
WEEK 1						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 2						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 3						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 4						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
WEEK 5						
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
Total Days worked						

BUSINESS PLAN

Reference No
Profile ID
Project Name
Project Details
Project Name
Project Reference Number
Project description
Project Start Date
Project End Date
Estimated Budget
Project Location
Province
District/Metro Municipality
Local Municipality/Metro Region
Latitude (in decimal format)
Longitude (in decimal format)
Public Body Details
Public body sphere
Reporting public body that is the project owner (and will report on the project)
Implementing public body type
Public body that will implement the project
IDP reference number allocated to the project
EPWP Details
EPWP Sector
EPWP Program
EPWP Sub programme
Budget Amount
April 2014/March 2015
April 2015/March 2016
Total Budget Amount
Wages
UIF
COIDA
Training
Administration
Equipment and materials
Other
Describe other
Outputs and Training
Output
Desription
Target Quantity
Number of persons to be trained
Contact person
Title
Initials
First Name
Surname

Email
Tel (Office)
Fax Number
Cell Number
Physical Address 1
Physical Address 2
Physical Address 3
Physical Address 4
Postal Address 1
Postal Address 2
Postal Address 3
Postal Address 4

KZN PUBLIC WORKS



Worker payment capture form for LOCAL Labour

Name of Contractor: _____

Project Code: **080773**

Name of Project: **MATHOLE HIGH SCHOOL - UPGRADE AND
 ADDITION COMPLETION CONTRACT (WIMS
 058813)**

Reporting month: _____

Payment Upload

No.	First Name	Initials	Surname	Identity No.	D.O.B	Job Description	Daily Wage Rate	Total Paid Days	Total Amount Paid	Total days Worked Days
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Contractor sign: _____

Designation: _____

Date: _____

Contact no: _____

DPW Official/Consultant sign: _____

Designation: _____

Date: _____

Contact no: _____

EPWP Official sign: _____

Designation: _____

Date: _____

Contact no: _____

KZN PUBLIC WORKS

Worker Training capture form for LOCAL Labour



Name of Contractor: _____

Name of Project: _____

**MATHOLE HIGH SCHOOL - UPGRADE AND ADDITION
 COMPLETION CONTRACT (WIMS 058813)**

Project Code: _____

080773

Reporting month: _____

Training

No	Name	Surname	ID No.	Job description	Course Name	Was training Accredited or Non - accredited by a relevant SETA	Start date on current month	End date on current month	Training Days Paid	Training Days Not Paid	Total Number of Training Days	Cost per trainee	Is training complete or on - going	Name of Training Provider
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

Contractor sign: _____

DPW Official/Consultant sign: _____

EPWP Official sign: _____

Designation: _____

Designation: _____

Designation: _____

Date: _____

Date: _____

Date: _____

Contact no: _____

Contact no: _____

Contact no: _____

Location

Locality Name	
Municipality	
Subplace	
Ward	
Government Facility	Mathole High School.
Latitude	28°07'47.58"S
Longitude	31°20'42.66"E
Physical Address/Location	Baramulla Road, Mbambankunzi

Please do a print preview
before printing.