



Education and Sport Development

Department of Education and Sport Development
 Departement van Onderwys en Sportontwikkeling
 Lefapha la Thuto le Tlhabololo ya Metshameko

NORTH WEST PROVINCE

NORTH WEST DEPARTMENT OF EDUCATION

ONKGOPOTSE TIRO COMBINED SCHOOL:

Renovations to the Existing Girls Hostel, External Works, Storm Water, Sewer and Water Reticulation, associated Mechanical and Electrical Works

North West Department of Education

Private Bag X2044
 Mmabatho 2735

Block A
 Old Mmabatho High School Hostel
 1305 Albert Luthuli Drive
 Mmabatho, 2735

Contact:
 Name:
 Telephone:

Godimong Consulting Engineers



No.5 Dadford Street
 Libertas
 Mafikeng, 2745

Contact:
 Name: Mr. P Minya
 Telephone: 018 381 1478

Tenderer:

CIDB Registration Number:

Total of the prices inclusive of value added tax: R

Amount in words:

.....

Preferences claimed for : (tick relevant boxes)

- ☐ HDI equity ownership
 ☐ Youth equity ownership
 ☐ Woman equity ownership
 ☐ Office in North West Province
 ☐ Disability equity ownership

Preferences claimed for tendered contract participation goal of:

Item No	Quantity	Rate	Amount
SECTION 1			
BILL NO. 1			
PRELIMINARIES			
PRINCIPAL BUILDING AGREEMENT			
<p>The JBCC Principal Building Agreement (March 2014 Edition 6.1) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p> <p>The Preliminaries revision 1 (February 2016) published by the Association of South African Quantity Surveyors for use with the JBCC Principal Building Agreement Edition 6.1 shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause</p> <p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p> <p><i>A provision/clause in Edition 6.1 of the JBCC Principal Building Agreement may have unintended consequences. The following is relevant:</i></p> <p><i>Within the contract data document there is space to insert changes made to the JBCC documentation. Quantity surveyors have generally up to now merely inserted in this space "Refer to Bill No. 1"</i></p> <p><i>Below the abovementioned space the following note has been inserted:</i></p>			
Carried Forward			R
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

<p style="text-align: right;">Brought Forward</p> <p>"Note : The amendments contained herein or in the single referenced Annexure constitute the only amendments to the standard JBCC Agreement that will apply. No other amendments shall be of any force or effect"</p> <p><i>Should quantity surveyors wish to adhere to the system of inserting amendments, modifications, corrections or supplements to the JBCC documentation under the listed clause headings in Bill No. 1 (Preliminaries) then it is suggested that the following clause be inserted in the space provided in the contract data where changes made to the JBCC documentation are to be recorded:</i></p> <p><i>"It is specifically agreed that the note below calling for amendments to the standard JBCC Agreement to be listed in the space provided in the contract data or recorded in 'the single referenced Annexure' <u>shall not apply</u>. Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading in Bill No 1 (Preliminaries) and such amendments, modifications, corrections or supplements shall take precedence notwithstanding the note below and notwithstanding the provisions of clause 5.6 of the JBCC Principal Building Agreement"</i></p> <p>Not doing as suggested above when adhering to the system generally used by quantity surveyors up to now may result in any amendments within Bill No. 1 (Preliminaries) being considered null and void, which could then lead to major claims</p> <p><i>The following paragraph should in addition be inserted</i></p> <p>Where standard clauses or alternatives are not entirely applicable to this agreement such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents</p>		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R	

<p style="text-align: right;">Brought Forward</p> <p><u>PREAMBLES FOR TRADES</u></p> <p><i>The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated descriptions utilised in these bills of quantities by inter alia referring to SANS construction standards. Where such model preambles are not applicable (eg where BS or Euro construction standards are applicable or the design consultants provide other preambles/specifications for insertion), users are to ensure that the abbreviated descriptions when read in conjunction with the Standard System of Measuring Building Work (seventh edition) for works within South Africa or the Standard Method of Measuring Building Work for Africa 2015 (first edition) for works elsewhere in Africa, represent the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications</i></p> <p><i>Note that the text of the Standard System of Measuring Building Work (seventh edition) and that of the Standard Method of Measuring Building Work for Africa 2015 (first edition) is the same</i></p> <p>The Model Preambles for Trades 2008 as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p> <p>Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the Model Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include for all of the obligations, requirements and specifications given in the Model Preambles and in any supplementary preambles and/or specifications</p>		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R	

Brought Forward

R

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : A recital of the headings of the individual clauses of the aforementioned **JBCC Principal Building Agreement**

Section B : A recital of the headings of the individual clauses of the aforementioned Preliminaries document

Section C : Any special clauses to meet the particular circumstances of the project

PRICING OF PRELIMINARIES

Should the **contractor** select Option A in the **contract data** for the adjustment of **preliminaries**, the amounts entered against the relevant items in these **preliminaries** are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

SECTION A: PRINCIPAL BUILDING AGREEMENT**Interpretation (A1-A7)**

1 Clause 1.0 - Definitions and interpretation

Definition of agreement

The definition of **agreement** is replaced with the following definition :

"**AGREEMENT** : The **JBCC** Principal Building Agreement, the completed **JBCC** PBA contract data, the **contract drawings**, the **priced documents** and any other documents reduced to writing and signed by the **parties**"

Pricing of bills of quantities

Carried Forward

R

Section No. 1

Preliminaries

Bill No. 1

Preliminaries

Proposed Renovations & Alterations**At Onkgopotse Tiro Combined School (Girls Hostel)**

<p style="text-align: right;">Brought Forward</p> <p>The contractor is to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the standard system of measurement), patterns, models and templates, plant, temporary works, returning of packaging, duties, taxes (other than Value Added Tax), imposts, establishment charges, overheads, profit and all other obligations arising out of this agreement. Value Added Tax (VAT) is to be separately stated on the summary page of these bills of quantities</p> <p>Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the contractor's omission to price any item will be entertained</p> <p>Prices for all construction equipment, temporary works, services and other items shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary</p> <p>Abbreviated descriptions</p> <p>The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions be fully described when read with the applicable measuring system and the relevant preambles and/or specifications. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive from the principal agent, failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practice</p> <p>Legal status of contractor</p> <p>If the contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons then:</p> <ol style="list-style-type: none"> These persons are deemed to be jointly and severally liable to the employer for the performance of this agreement 		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R	

Brought Forward		R	
<p>2. These persons shall notify the employer of their leader who has authority to bind the contractor and each of these persons</p> <p>3. The contractor shall not alter its composition or legal status without the prior written consent of the employer</p>			
Errata by JBCC			
<p>Omit from definition of construction period the words : "excluding annual holiday periods"</p> <p>Omit from definition of preliminaries the word : "priced"</p>			
F:..... V:..... T:.....	Item		
2 Clause 2.0 - Law, regulations and notices			
Health and safety			
<p>Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification [2.1]</p>			
<p>Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works (refer to Annexure ? for a copy of the relevant specification) and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the provisions of the aforementioned health and safety specification [2.1]</p>			
Carried Forward		R	
<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

Brought Forward		R	
The contractor shall:			
1. Comply with the health and safety specification for the works			
2. Prepare and agree with the health and safety consultant the health and safety plan for the works			
3. Co-operate with the health and safety consultant in all respects			
4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification			
5. Conform to the conditions contained in the employer's health and safety specification			
NHBRC levies			
The contractor shall allow for and pay any levies required by the National Home Builders Registration Council (NHBRC). The contractor warrants that he is registered and will maintain registration with the NHBRC for the duration of this agreement [2.1]			
F:..... V:..... T:.....	Item		
3 Clause 3.0 - Offer and acceptance			
F:..... V:..... T:.....	Item		
4 Clause 4.0 - Assignment and cession			
F:..... V:..... T:.....	Item		
5 Clause 5.0 - Contract documents			
Value Added Tax			
Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT)			
Carried Forward		R	
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward	R		
<p><i>The contract drawings are to be listed in the contract data. If insufficient space is available for such listing or for any other reason then reference should be made in the contract data as to where the contract drawings are listed. One of the following clauses may be used</i></p>			
Contract drawings			
<p>The contract drawings are as listed on the contents page of the bills of quantities [5.1]</p>			
Contract drawings			
<p>Refer to Annexure ? for a list of the contract drawings [5.1]</p>			
Priced document as specification			
<p>Clause 5.3 is deemed to be deleted</p>			
<p>The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any</p>			
Precedence			
<p>Clause 5.6 is deemed to be deleted. The provisions of this Bill No. 1 (Preliminaries) shall take precedence over any other documents which constitute this agreement [5.6]</p>			
<p>F:..... V:..... T:.....</p>	Item		
6 Clause 6.0 - Employer's agents			
Delegated authority			
<p>The authority of the principal agent to issue contract instructions and perform duties for specific aspects of the works is delegated to agents as follows [6.2]:</p>			
<p><i>Add delegated authority as may be required for other relevant consultants not listed hereinafter</i></p>			
<p>1. <u>Architect</u></p>			
Carried Forward	R		
<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

<p style="text-align: right;">Brought Forward</p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>1.1 Duties :</p> <p>The architect is responsible for the architectural design, functional design and quality inspection of the works</p> <p>1.2 Contract instructions [17.0] :</p> <p>1.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement</p> <p>1.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>1.2.3 The site [13.2.4]</p> <p>1.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p>1.2.5 Provision and testing of samples of materials and goods, of finishes and assemblies of elements of the works</p> <p>1.2.6 Opening up of work for inspection, removal or re-execution</p> <p>1.2.7 Removal or re-execution of work</p> <p>1.2.8 Removal or substitution of any materials and goods</p> <p>1.2.9 Protection of the works</p> <p>1.2.10 Making good physical loss and repairing damage to the works [8.0]</p> <p>1.2.11 Rectification of defects [21.2]</p> <p>1.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion</p>		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R	

<p style="text-align: right;">Brought Forward</p> <p>1.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums</p> <p>1.2.14 Appointment of a subcontractor [14.0; 15.0]</p> <p>1.2.15 Termination of a nominated n/s subcontract agreement [27.2.8]</p> <p>1.2.16 Work by (a) direct contractor(s) [16.0]</p> <p>1.2.17 Access by other or previous contractors to remedy defective work</p> <p>1.2.18 Removal from the site of any person employed on the works</p> <p>1.2.19 Removal from the site of any person not engaged on or connected with the works</p> <p>1.2.20 On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]</p> <p>2. <u>Quantity surveyor</u></p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>2.1 Duties :</p> <p>The quantity surveyor is responsible for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions of the works</p> <p>2.2 Contract instructions [17.0] :</p> <p>2.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement</p> <p>2.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>2.2.3 The site [13.2.4]</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R		
		R		

Brought Forward		R		
2.2.4 Compliance with the law , regulations and bylaws [2.1]				
2.2.5 Provision and testing of samples of materials and goods , of finishes and assemblies of elements of the works				
2.2.6 Opening up of work for inspection, removal or re-execution				
2.2.7 Removal or re-execution of work				
2.2.8 Removal or substitution of any materials and goods				
2.2.9 Protection of the works				
2.2.10 Making good physical loss and repairing damage to the works [8.0]				
2.2.11 Rectification of defects [21.2]				
2.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion				
2.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums				
2.2.14 Appointment of a subcontractor [14.0; 15.0]				
2.2.15 Termination of a nominated n/s subcontract agreement [27.2.8]				
2.2.16 Work by (a) direct contractor(s) [16.0]				
2.2.17 Access by other or previous contractors to remedy defective work				
2.2.18 Removal from the site of any person employed on the works				
2.2.19 Removal from the site of any person not engaged on or connected with the works				
Carried Forward		R		
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

<p style="text-align: right;">Brought Forward</p> <p>2.2.20 On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]</p> <p>3. <u>Civil and structural engineer</u></p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>3.1 Duties :</p> <p>The civil and structural engineer is responsible for all aspects of civil and structural engineering design and quality inspection of the works</p> <p>3.2 Contract instructions [17.0] :</p> <p>3.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement</p> <p>3.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>3.2.3 The site [13.2.4]</p> <p>3.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p>3.2.5 Provision and testing of samples of materials and goods, of finishes and assemblies of elements of the works</p> <p>3.2.6 Opening up of work for inspection, removal or re-execution</p> <p>3.2.7 Removal or re-execution of work</p> <p>3.2.8 Removal or substitution of any materials and goods</p> <p>3.2.9 Protection of the works</p> <p>3.2.10 Making good physical loss and repairing damage to the works [8.0]</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R		
		R		

<p style="text-align: right;">Brought Forward</p> <p>3.2.11 Rectification of defects [21.2]</p> <p>3.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion</p> <p>3.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums</p> <p>3.2.14 Appointment of a subcontractor [14.0; 15.0]</p> <p>3.2.15 Termination of a nominated n/s subcontract agreement [27.2.8]</p> <p>3.2.16 Work by (a) direct contractor(s) [16.0]</p> <p>3.2.17 Access by other or previous contractors to remedy defective work</p> <p>3.2.18 Removal from the site of any person employed on the works</p> <p>3.2.19 Removal from the site of any person not engaged on or connected with the works</p> <p>3.2.20 On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]</p> <p>4. <u>Mechanical engineer</u></p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>4.1 Duties :</p> <p>The mechanical engineer is responsible for all aspects of mechanical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the mechanical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions?</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R		
		R		

Brought Forward		R		
4.2 Contract instructions [17.0] :				
4.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement				
4.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works				
4.2.3 The site [13.2.4]				
4.2.4 Compliance with the law , regulations and bylaws [2.1]				
4.2.5 Provision and testing of samples of materials and goods , of finishes and assemblies of elements of the works				
4.2.6 Opening up of work for inspection, removal or re-execution				
4.2.7 Removal or re-execution of work				
4.2.8 Removal or substitution of any materials and goods				
4.2.9 Protection of the works				
4.2.10 Making good physical loss and repairing damage to the works [8.0]				
4.2.11 Rectification of defects [21.2]				
4.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion				
4.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums				
4.2.14 Appointment of a subcontractor [14.0; 15.0]				
4.2.15 Termination of a nominated n/s subcontract agreement [27.2.8]				
Carried Forward		R		
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

<p style="text-align: right;">Brought Forward</p> <p>4.2.16 Work by (a) direct contractor(s) [16.0]</p> <p>4.2.17 Access by other or previous contractors to remedy defective work</p> <p>4.2.18 Removal from the site of any person employed on the works</p> <p>4.2.19 Removal from the site of any person not engaged on or connected with the works</p> <p>4.2.20 On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]</p> <p>5. <u>Electrical engineer</u></p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>5.1 Duties :</p> <p>The electrical engineer is responsible for all aspects of electrical engineering design and quality inspection of the works and, where appointed by the employer for quantity surveying services in respect of the electrical installations, for all measurements, valuations, financial assessments and all other quantity surveying and cost control functions</p> <p>5.2 Contract instructions [17.0] :</p> <p>5.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement</p> <p>5.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>5.2.3 The site [13.2.4]</p> <p>5.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R		
		R		

Brought Forward		R		
5.2.5 Provision and testing of samples of materials and goods , of finishes and assemblies of elements of the works				
5.2.6 Opening up of work for inspection, removal or re-execution				
5.2.7 Removal or re-execution of work				
5.2.8 Removal or substitution of any materials and goods				
5.2.9 Protection of the works				
5.2.10 Making good physical loss and repairing damage to the works [8.0]				
5.2.11 Rectification of defects [21.2]				
5.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion				
5.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums				
5.2.14 Appointment of a subcontractor [14.0; 15.0]				
5.2.15 Termination of a nominated n/s subcontract agreement [27.2.8]				
5.2.16 Work by (a) direct contractor(s) [16.0]				
5.2.17 Access by other or previous contractors to remedy defective work				
5.2.18 Removal from the site of any person employed on the works				
5.2.19 Removal from the site of any person not engaged on or connected with the works				
Carried Forward		R		
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

<p style="text-align: right;">Brought Forward</p> <p>5.2.20 On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]</p> <p>6. <u>Wet services engineer</u></p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>6.1 Duties :</p> <p>The wet services engineer is responsible for all the aspects of wet services engineering design and quality inspection of the works</p> <p>6.2 Contract instructions [17.0] :</p> <p>6.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement</p> <p>6.2.2 Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works</p> <p>6.2.3 The site [13.2.4]</p> <p>6.2.4 Compliance with the law, regulations and bylaws [2.1]</p> <p>6.2.5 Provision and testing of samples of materials and goods, of finishes and assemblies of elements of the works</p> <p>6.2.6 Opening up of work for inspection, removal or re-execution</p> <p>6.2.7 Removal or re-execution of work</p> <p>6.2.8 Removal or substitution of any materials and goods</p> <p>6.2.9 Protection of the works</p> <p>6.2.10 Making good physical loss and repairing damage to the works [8.0]</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R		
		R		

<p style="text-align: right;">Brought Forward</p> <p>6.2.11 Rectification of defects [21.2]</p> <p>6.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion</p> <p>6.2.13 Expenditure of budgetary allowances, prime cost amounts and provisional sums</p> <p>6.2.14 Appointment of a subcontractor [14.0; 15.0]</p> <p>6.2.15 Termination of a nominated n/s subcontract agreement [27.2.8]</p> <p>6.2.16 Work by (a) direct contractor(s) [16.0]</p> <p>6.2.17 Access by other or previous contractors to remedy defective work</p> <p>6.2.18 Removal from the site of any person employed on the works</p> <p>6.2.19 Removal from the site of any person not engaged on or connected with the works</p> <p>6.2.20 On termination, protection of the works, removal of construction equipment and surplus materials and goods [29.0]</p> <p>7. <u>Fire consultant</u></p> <p><i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i></p> <p>7.1 Duties :</p> <p>The fire consultant is responsible for all aspects of rational fire design and quality inspection of the works</p> <p>7.2 Contract instructions [17.0] :</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>		R		
		R		

	Brought Forward	R		
7.2.1	Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement			
7.2.2	Alteration to design, standards or quantity of the works provided that such contract instructions shall not substantially change the scope of the works			
7.2.3	The site [13.2.4]			
7.2.4	Compliance with the law , regulations and bylaws [2.1]			
7.2.5	Provision and testing of samples of materials and goods , of finishes and assemblies of elements of the works			
7.2.6	Opening up of work for inspection, removal or re-execution			
7.2.7	Removal or re-execution of work			
7.2.8	Removal or substitution of any materials and goods			
7.2.9	Protection of the works			
7.2.10	Making good physical loss and repairing damage to the works [8.0]			
7.2.11	Rectification of defects [21.2]			
7.2.12	A list for practical completion specifying outstanding or defective work to be rectified to achieve practical completion and a list for completion and a list for final completion specifying outstanding or defective work to be rectified to achieve final completion			
7.2.13	Expenditure of budgetary allowances, prime cost amounts and provisional sums			
7.2.14	Appointment of a subcontractor [14.0; 15.0]			
7.2.15	Termination of a nominated n/s subcontract agreement [27.2.8]			
7.2.16	Work by (a) direct contractor(s) [16.0]			
	Carried Forward	R		
Section No. 1	Preliminaries			
Bill No. 1	Preliminaries			
	Proposed Renovations & Alterations			
	At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward		R		
7.2.17 Access by other or previous contractors to remedy defective work				
7.2.18 Removal from the site of any person employed on the works				
7.2.19 Removal from the site of any person not engaged on or connected with the works				
7.2.20 On termination, protection of the works , removal of construction equipment and surplus materials and goods [29.0]				
8. <u>Health and safety consultant</u>				
<i>Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA</i>				
8.1 Duties :				
The health and safety consultant is responsible for all aspects of health and safety of the works . Without derogating from the generality thereof, the health and safety consultant will perform the following specific functions and duties in respect of the health and safety aspects of the works :				
8.1.1 Act as the employer's agent in terms of Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993				
8.1.2 Prepare and update the health and safety specification for the works				
8.1.3 Agree with the contractor the health and safety plan for the works				
8.1.4 Carry out regular audits to ensure adherence to the safety plan and compliance with the Act and Regulations				
8.1.5 Stop the execution of the works where the agreed specification or plan is not adhered to				
F:..... V:..... T:.....	Item			
Carried Forward		R		
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

	Brought Forward		R	
7	<p>Clause 7.0 - Design responsibility</p> <p>F:..... V:..... T:.....</p> <p>Insurance and security (A8-A11)</p>	Item		
8	<p>Clause 8.0 - Works risk</p> <p>F:..... V:..... T:.....</p>	Item		
9	<p>Clause 9.0 - Indemnities</p> <p>F:..... V:..... T:.....</p>	Item		
10	<p>Clause 10.0 - Insurances</p> <p>F:..... V:..... T:.....</p>	Item		
11	<p>Clause 11.0 - Security</p> <p><i>If it is deemed advisable, the <u>extent</u> of any security for payment may be stated as follows:</i></p> <p>Security for payment</p> <p>The employer shall provide to the contractor security for payment in the amount of ? Rand (R.....) ? [11.4.1,11.10]</p> <p><i>Where it is expected of the contractor to waive his lien in terms of clause 11.10, the waiver of lien may be extended to subcontracts as follows:</i></p> <p>Extension of waiver of lien</p> <p>The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10]</p> <p>Errata by JBCC</p> <p>Clause 11.5 Replace "ten (10)" with "five (5)"</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

	Brought Forward		R	
	<u>Execution (A12 - A17)</u>			
12	<p>Clause 12.0 - Duties of the parties</p> <p>Provisions of clauses 12.1.2 to 12.1.6 and 12.2.18</p> <p>Refer to the contract data, the Preliminaries document and "Section B : Preliminaries" of this Bill No. 1 with reference to the provisions of clauses 12.1.2 to 12.1.6 and 12.2.18 of the JBCC Principal Building Agreement</p> <p>Office accommodation</p> <p>The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]</p> <p>Notice board</p> <p>The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board recommended by the South African Institute of Architects and as approved by the principal agent listing the names and logos of the employer, the contractor, and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]</p> <p><i>Clause 12.1.5 requires the employer to identify access to water, sewer, stormwater and/or electricity connections to the site. Should such information be available then it is to be stated here or in the contract data in detail with a suitable heading in bold. Reference as [12.1.5]. The user should, however, note that clauses 8.1 and 8.2 of the Preliminaries state that the employer does not warrant that any water or electricity supplies that may exist are adequate for the proper execution of the works. Any ambiguity in this respect is to be dealt with</i></p>			
	Carried Forward		R	
	<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

<p style="text-align: right;">Brought Forward</p> <p><i>Should access to water, sewer, stormwater and/or electricity connections not be identifiable due to such information not being available or the specific requirements of the contractor cannot be determined, then the following clause may be considered in which event a qualified tender may be expected</i></p> <p>Access to water, sewer, stormwater and electricity connections</p> <p>The employer is not in a position to identify access to water, sewer, stormwater and/or electricity connections to the site as may be suitable for the execution of the works. The contractor is to allow what he considers to be required and is to qualify his tender in detail in this regard, failing which it shall be taken that the contractor has allowed what will be required for the execution of the works. In such case no claims for additional cost or loss shall be entertained [12.1.5]</p> <p>Statutory and other notices</p> <p><i>Statutory and other notices which the contractor must submit and/or comply with before possession of the site can be given are to be stated here or in the contract data. Reference [12.1.6]</i></p> <p><i>If specific information is not available then the user may consider a clause along the following lines</i></p> <p>The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard [12.1.6]</p> <p>It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto</p> <p>Errata by JBCC</p> <p>Clause 12.2.17 Omit the words "[CD] within ten (10) working days"</p> <p>F:..... V:..... T:.....</p>		R	
<p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>	Item	R	

	Brought Forward		R	
13	<p>Clause 13.0 - Setting out</p> <p>F:..... V:..... T:.....</p>	Item		
14	<p>Clause 14.0 - Nominated subcontractors</p> <p>Errata by JBCC</p> <p>Clause 14.1.4 Reference should read "[17.1.14]"</p> <p>Clause 14.6 Reference should read "[17.1.15; 27.1.8]"</p> <p>Clause 14.7.2 Reference should read "[27.1.8]"</p> <p>Clause 14.7.3 Reference should read "[27.2.8]"</p> <p>F:..... V:..... T:.....</p>	Item		
15	<p>Clause 15.0 - Selected subcontractors</p> <p>Errata by JBCC</p> <p>Clause 15.2 Reference should read "[17.1.14]"</p> <p>Clause 15.7.2 Reference should read "[27.1.8]"</p> <p>Clause 15.7.3 Reference should read "[27.2.8]"</p> <p>F:..... V:..... T:.....</p>	Item		
16	<p>Clause 16.0 - Direct contractors</p> <p>Attendance on direct contractors</p> <p>In respect of direct contractors the contractor shall:</p> <ol style="list-style-type: none"> 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 			
	Carried Forward		R	
	<p>Section No. 1</p> <p>Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>Proposed Renovations & Alterations</p> <p>At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

	Brought Forward		R	
	4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor , in common with others having the like right, while it remains erected on the site [16.1]			
	Errata by JBCC			
	Clause 16.1.3 Reference should read "[26.5]"			
	F:..... V:..... T:.....	Item		
17	Clause 17.0 - Contract instructions			
	Site instructions			
	Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor			
	Errata by JBCC			
	Clause 17.1.3 Reference should read "[13.2.4]"			
	F:..... V:..... T:.....	Item		
	<u>Completion (A18 - A24)</u>			
18	Clause 18.0 - Interim completion			
	F:..... V:..... T:.....	Item		
19	Clause 19.0 - Practical completion			
	<i>List with a suitable heading in bold any special requirements for practical completion here or in the contract data. Reference as [19.3.1]</i>			
	F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

	Brought Forward		R	
20	<p>Clause 20.0 - Sectional completion</p> <p><i>If sectional completion is applicable, then a clause with a suitable heading in bold should be inserted, or drawing(s) annexed, to define the various sections. Reference as [20.1]</i></p> <p>Errata by JBCC</p> <p>Clause 20.2.2 Reference should read "[21.6.2]"</p> <p>F:..... V:..... T:.....</p>	Item		
21	<p>Clause 21.0 - Defects liability period and final completion</p> <p>Errata by JBCC</p> <p>Clause 21.1 Delete the word "final" in the second last line Reference should read "[21.6.1]"</p> <p>Clause 21.9 Reference should read "[21.4 ; 21.6.1]"</p> <p>F:..... V:..... T:.....</p>	Item		
22	<p>Clause 22.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>	Item		
23	<p>Clause 23.0 - Revision of date for practical completion</p> <p>Substitution of materials and goods</p> <p>The removal or substitution of any materials and goods which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value [17.1.8, 23.1 & 2]</p> <p>Errata by JBCC</p> <p>Clause 23.2 Reference should read "[26.7]"</p> <p>Clause 23.2.1 Reference should read "[12.1.7]"</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

	Brought Forward		R	
24	<p>Clause 24.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p> <p>Payment (A25 - A27)</p>	Item		
25	<p>Clause 25.0 - Payment</p> <p>Materials and goods prematurely on site</p> <p>Materials and goods brought onto the site prematurely shall not be authorised for payment [25.3.2]</p> <p>Materials and goods stored off site</p> <p>Materials and goods stored off site shall not be authorised for payment [25.3.2]</p> <p>Materials and goods stored off site</p> <p>Materials and goods stored off site shall be authorised for payment subject to a guarantee for advance payment being provided to the employer [25.3.2]</p> <p>Fluctuations in costs</p> <p>All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [25.3.4] ?</p> <p>Prices submitted</p> <p>Where prices are submitted by the contractor or subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of this agreement and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing</p>			
	Carried Forward		R	
	<p>Section No. 1</p> <p>Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>Proposed Renovations & Alterations</p> <p>At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

	<p style="text-align: right;">Brought Forward</p> <p>Errata by JBCC</p> <p>Clause 25.2 The word : "final" in bold in the second line Clause 25.10.3 Reference should read "[25.13 ; 26.10]" New clause 25.12.4 Add the words : "Terminate the agreement [29.14.7] where the listed options [25.12.1-3] have failed"</p> <p>F:..... V:..... T:.....</p> <p>26 Clause 26.0 - Adjustment of the contract value and final account</p> <p>Tenant installations/users requirements delayed</p> <p>There is a possibility that certain works related to tenant installations/users requirements may have to be delayed and may consequently not be executed prior to practical completion</p> <p>The employer reserves the right to omit such work without compensation to the contractor for loss of profit or any other loss which the contractor may suffer as a result of such omission</p> <p>Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this agreement on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instruction to proceed with such work is given to him within a period of three (3) calendar months after the date of practical completion of the works</p> <p>Cost of claims</p> <p>All costs incurred by the contractor in the preparation of claims shall be borne by the contractor. This provision shall not preclude an adjudicator or an arbitrator appointed in terms of this agreement [30.6,7] from making a determination on costs</p> <p>The contractor shall review, assess and adjudicate any claims received by him from any subcontractor and thereafter submit same to the principal agent with a recommendation in order to assist the principal agent in adjudicating the claim [26.6]</p> <p style="text-align: right;">Carried Forward</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>	Item	R	
			R	

Brought Forward			R	
Errata by JBCC				
Clause 26.4.2 Omit the entire clause and renumber thereafter New clause 26.4.3 "Other proven or unavoidable costs"				
	F:..... V:..... T:.....	Item		
27	Clause 27.0 - Recovery of expense and/or loss			
	F:..... V:..... T:.....	Item		
<u>Suspension and termination (A28 - A29)</u>				
28	Clause 28.0 - Suspension by the contractor			
Errata by JBCC				
New clause 28.1.5 and renumber thereafter "Or where an agent has failed to act in terms of this agreement [6.4] Clause 28.2 Replace the word "defect" with "default" in the first line				
	F:..... V:..... T:.....	Item		
29	Clause 29.0 - Termination			
Errata by JBCC				
Clause 29.1.2 Delete the words : "within the period stated [CD]"				
Clause 29.14.1 Change as follows : "Provide or maintain a guarantee for payment[11.4 - 5]"				
Clause 29.14.2 Reference should read "[12.1.7]"				
New clause 29.14.8 "Or where an agent has failed to act in terms of this agreement [6.4]"				
	F:..... V:..... T:.....	Item		
<u>Dispute resolution (A30)</u>				
30	Clause 30.0 - Dispute resolution			
	F:..... V:..... T:.....	Item		
Carried Forward			R	
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

	Brought Forward		R	
31	Agreement The second sentence of the introduction where the parties sign the agreement , namely "Any provision in this agreement acceptance by such subcontractor at any time." is deemed to be deleted The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:..... V:..... T:.....	Item		
32	Contract data Payment of preliminaries Where Option B is applicable and the initial construction period is extended the monthly charge shall be recalculated on the same basis as was initially applied but taking into account the revised construction period and the amounts already paid to the contractor [CD26.0] Adjustment of preliminaries Where the adjustment of preliminaries is in terms of Option A, the construction period and the initial construction period shall be calculated in working days [CD 26.0] Where the adjustment of preliminaries is in terms of Option A and sectional completion is required, the contractor shall provide the principal agent with the division of the categorised amounts into sections . Should the contractor fail to provide such information within the period stipulated, the categorised amounts shall be prorated to the value of each section [CD 26.0] Where the adjustment of preliminaries is required in terms of Option B and sectional completion is required, the contractor shall provide the principal agent with details of the resources required for each section and those that are common to sections . Should the contractor fail to provide such information within the period stipulated, Option A shall apply [CD 26.0]			
	Carried Forward		R	
	Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward		R	
Removal of lateral support insurance			
Whilst it is stated in clause 10.0 of the contract data that the employer will not be responsible for works and other insurances the employer shall nevertheless be responsible for the removal of lateral support insurance in the amount stated			
Tenderer's selection			
Before submission of his tender the contractor is to complete the tenderer's selection in the contract data			
Note 4 on page 10 of the contract data			
Note 4 on page 10 of the contract data which relates to any benefit or right in favour of any subcontractor shall be deemed to be deleted			
F:..... V:..... T:.....	Item		
<u>SECTION B: PRELIMINARIES</u>			
<u>Interpretation (B1)</u>			
33 Clause 1.1 - Definitions			
F:..... V:..... T:.....	Item		
34 Clause 1.2 - Interpretation			
F:..... V:..... T:.....	Item		
<u>Documents (B2)</u>			
35 Clause 2.1 - Checking of documents			
F:..... V:..... T:.....	Item		
36 Clause 2.2 - Provisional bills of quantities			
Carried Forward		R	
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward			R	
Multiple procurement				
<p>These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally (fully?) measured and the subsequent trades are budgetary allowances and/or provisional sums</p> <p>F:..... V:..... T:.....</p>		Item		
37	<p>Clause 2.3 - Availability of construction information</p> <p>Budgetary allowances and provisional sums</p> <p>The budgetary allowances and/or provisional sums allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of subcontractors during the construction period</p> <p>F:..... V:..... T:.....</p>	Item		
38	<p>Clause 2.4 - Ordering of materials and goods</p> <p>F:..... V:..... T:.....</p>	Item		
<u>Previous work and adjoining properties (B3)</u>				
39	<p>Clause 3.1 - Previous work - dimensional accuracy</p> <p>F:..... V:..... T:.....</p>	Item		
40	<p>Clause 3.2 - Previous work - defects</p> <p>F:..... V:..... T:.....</p>	Item		
41	<p>Clause 3.3 - Inspection of adjoining properties</p> <p>F:..... V:..... T:.....</p>	Item		
<u>The site (B4)</u>				
42	<p>Clause 4.1 - Defined works area</p> <p>F:..... V:..... T:.....</p>	Item		
Carried Forward			R	
<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>				

	Brought Forward		R	
43	Clause 4.2 - Handover of site in stages F:..... V:..... T:.....	Item		
44	Clause 4.3 - Enclosure of the works F:..... V:..... T:.....	Item		
45	Clause 4.4 - Geotechnical investigation F:..... V:..... T:.....	Item		
46	Clause 4.5 - Encroachments F:..... V:..... T:.....	Item		
47	Clause 4.6 - Existing premises occupied F:..... V:..... T:.....	Item		
48	Clause 4.7 - Services - known F:..... V:..... T:.....	Item		
49	Clause 4.8 - Protection of trees and/or relevant natural features F:..... V:..... T:.....	Item		
	<u>Management of contract (B5)</u>			
50	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item		
51	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item		
52	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward			R	
<u>Samples, shop drawings and manufacturer's instructions (B6)</u>				
53	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item		
54	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item		
55	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item		
56	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item		
<u>Deposits and fees (B7)</u>				
57	Clause 7.1 - Deposits and fees F:..... V:..... T:.....	Item		
<u>Temporary services (B8)</u>				
58	Clause 8.1 - Water F:..... V:..... T:.....	Item		
59	Clause 8.2 - Electricity F:..... V:..... T:.....	Item		
60	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item		
61	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item		
Carried Forward			R	
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

	Brought Forward		R	
	<u>Prime cost amounts (B9)</u>			
62	<p>Clause 9.1 - Responsibility for prime cost amounts</p> <p><i>Where details of materials included in prime cost amounts <u>are not readily available</u> and it is therefore not possible for the contractor to price for waste, the relevant prime cost amount shall be inserted in the bills of quantities as a lump sum with the contractor being given the opportunity to separately price his overheads and profit and for taking delivery, etc as called for in this clause 9.1 of the preliminaries. In such case the fixing only or installation only of the relevant materials shall be provisionally measured for the contractor to price and shall be re-measured upon completion</i></p> <p><i>Where details of materials for which prime cost amounts are to be allowed <u>are readily available</u>, the quantity surveyor may elect to insert the relevant prime cost amounts in measured items, which measured items shall contain sufficient detail for the contractor to price for fixing and installation, waste, etc</i></p> <p>F:..... V:..... T:.....</p> <p><u>Attendance on subcontractors (B10)</u></p>	Item		
63	<p>Clause 10.1 - General attendance</p> <p><i>General attendance is defined as being the duties of the contractor in terms of clause 12.2 of the JBCC n/s subcontract agreement</i></p> <p>F:..... V:..... T:.....</p>	Item		
64	Clause 10.2 - Special attendance			
	Carried Forward		R	
	<p>Section No. 1</p> <p>Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>Proposed Renovations & Alterations</p> <p>At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

Brought Forward		R	
<p><i>It is important to note that general attendance only requires the contractor to "permit the subcontractor to use erected scaffolding, hoisting facilities, etc provided by the contractor, in common with others having the like right while it remains erected on the site" (refer to 12.2.13 of the JBCC n/s subcontract agreement). Many n/s subcontractors qualify their tenders to exclude scaffolding and/or hoisting facilities. Especially scaffolding could be an expensive item and it may be necessary in order to avoid claims to require the contractor to provide for the extended use of scaffolding for specific subcontracts within a description of "special attendance" in the applicable bill</i></p>			
F:..... V:..... T:.....	Item		
General (B11)			
65 Clause 11.1 - Protection of the works			
F:..... V:..... T:.....	Item		
66 Clause 11.2 - Protection/isolation of existing/sectionally occupied works			
F:..... V:..... T:.....	Item		
67 Clause 11.3 - Security of the works			
F:..... V:..... T:.....	Item		
68 Clause 11.4 - Notice before covering work			
F:..... V:..... T:.....	Item		
69 Clause 11.5 - Disturbance			
F:..... V:..... T:.....	Item		
Clause 11.6 - Environmental disturbance			
F:..... V:..... T:.....	Item		
70 Clause 11.7 - Works cleaning and clearing			
F:..... V:..... T:.....	Item		
Carried Forward		R	
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

	Brought Forward		R	
71	Clause 11.8 - Vermin F:..... V:..... T:.....	Item		
72	Clause 11.9 - Overhand work F:..... V:..... T:.....	Item		
73	Clause 11.10 - Tenant installations by direct contractors F:..... V:..... T:.....	Item		
74	Clause 11.11 - Advertising F:..... V:..... T:.....	Item		
	<u>Preliminaries schedule (B12)</u>			
75	Information for completion of the preliminaries schedule Information necessary for elections and completion of those clauses contained in the preliminaries schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract 12.1 - Provisional bills of quantities [2.2] The quantities are provisional ? Yes/No ? 12.2 - Availability of construction information [2.3] Construction documentation is complete? Yes/No ? 12.3 - Previous work - dimensional accuracy [3.1] 12.4 - Previous work - defects [3.2] 12.5 - Inspection of adjoining properties [3.3] 12.6 - Defined works area [4.1] 12.7 - Handover of site in stages [4.2]			
	Carried Forward		R	
	Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward		R		
N/A				
12.8 - Enclosure of the works [4.3]				
12.9 - Geotechnical investigation [4.4]				
12.10 - Existing premises occupied [4.6]				
<i>If the existing premises are occupied state it here and describe the detail and/or specific requirements. Reference as [PBA 12.1.2]</i>				
12.11 - Services - known [4.7]				
<i>Reference as [PBA 12.1.3]</i>				
12.12 - Protection of trees and/or relevant natural features [4.8]				
<i>Expand clause 4.8 of the Preliminaries should there be specific requirements for the preservation of trees or relevant natural features. Reference as [PBA 12.1.3]</i>				
12.13 - Water [8.1]				
Option A (by contractor)	? Yes			
12.14 - Electricity [8.2]				
Option A (by contractor)	? Yes			
12.15 - Ablution and welfare facilities [8.3]				
Option A (by contractor)	? Yes			
12.16 - Communication facilities [8.4]				
12.17 - Protection of the works [11.1]				
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)	Carried Forward	R		

<p style="text-align: right;">Brought Forward</p>		R		
<p>12.18 - Protection/isolation of existing/sectionally occupied works [11.2]</p>				
<p>Protection/isolation is required ? Yes</p>				
<p>12.19 - Disturbance [11.5]</p>				
<p><i>The following clause may be used should "disturbance" [11.5] need to be extended</i></p>				
<p>All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever</p>				
<p>12.20 - Environmental disturbance [11.6]</p>				
<p>Controlling all forms of pollution</p>				
<p>The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due <i>inter alia</i> to noise, artificial light, wind-blown sand, dust, deposits of mud, etc</p>				
<p>The contractor is to ensure that all roads which border the site and is used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works</p>				
<p>Environmental management plan</p>				
<p>The employer has prepared an environmental management plan (EMP) (refer to Annexure ? for a copy of the relevant plan). The contractor shall price opposite this item for compliance with all the requirements of such EMP</p>				
<p>F:..... V:..... T:.....</p>	Item			
<p style="text-align: right;">Carried Forward</p>		R		
<p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)</p>				

Brought Forward			R	
SECTION C: SPECIFIC PRELIMINARIES				
76	<p>Warranties for materials and workmanship</p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/or doing the work and shall deliver same to the principal agent on the final completion of the contract</p> <p>The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so</p> <p>The warranty will not be enforced if the work is damaged by defects in the execution of the works, in which case the responsibility for replacement shall rest entirely with the contractor</p> <p>F:..... V:..... T:.....</p>	Item		
77	<p>Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer</p> <p>F:..... V:..... T:.....</p>	Item		
78	<p>Co-operation of the contractor for cost management</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget</p> <p>F:..... V:..... T:.....</p>	Item		
Carried Forward			R	
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

	Brought Forward		R
79	Overloading The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works eg scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc to the principal agent for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense F:..... V:..... T:.....	Item	
80	Propping of floors below The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor F:..... V:..... T:.....	Item	
81	Testing of flat roof waterproofing for watertightness Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent , flooded with water and kept "ponded" for at least forty (40) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing F:..... V:..... T:.....	Item	
82	Green star building certification F:..... V:..... T:.....	Item	
	Carried Forward		R
Section No. 1 Preliminaries Bill No. 1 Preliminaries Proposed Renovations & Alterations At Ongkopotse Tiro Combined School (Girls Hostel)			

	Brought Forward		R	
83	<p>Broad based black economic empowerment (BBBEE)</p> <p>Tenders submitted will be evaluated taking into account their empowerment rating</p> <p>The employer will be monitoring the broad based black economic empowerment (BBBEE) status of the contractor throughout the execution of the works</p> <p>The contractor is to submit to the principal agent on an annual basis a schedule of spend, split into vendors engaged as subcontractors and suppliers indicating their BBBEE rating including proof of the said rating</p> <p>F:..... V:..... T:.....</p>	Item		
84	<p>Advertising rights</p> <p>The employer may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor shall not prevent such an arrangement and will assist in the facilitation of same. Position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting the obligations under this agreement</p> <p>F:..... V:..... T:.....</p>	Item		
85	<p>Confidentiality</p> <p>The contractor undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all subcontractors and suppliers. Such information shall not be used in any way except in connection with the execution of the works</p> <p>No information regarding this project shall be published or disclosed without the prior written consent of the employer</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1</p> <p>Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>Proposed Renovations & Alterations</p> <p>At Onkgopotse Tiro Combined School (Girls Hostel)</p>			

86	Media releases	Brought Forward	R	Item
<p>All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the employer</p> <p>The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement connected with this project to be printed, screened or aired by the media</p> <p>F:..... V:..... T:.....</p> <p><u>SUMMARY OF CATEGORIES</u></p> <p>Category : Fixed R.....</p> <p>Category : Value R.....</p> <p>Category : Time R.....</p>				
		Carried to Final Summary	R	
<p>Section No. 1</p> <p>Preliminaries</p> <p>Bill No. 1</p> <p>Preliminaries</p> <p>Proposed Renovations & Alterations</p> <p>At Onkgopotse Tiro Combined School (Girls Hostel)</p>				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 1</u>			
	<u>ALTERATIONS (Provisional)</u>			
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Breaking up and removing concrete</u>			
1	Mass concrete	m3	2	
2	Concrete channel	m3	2	
	<u>Breaking down and removing brickwork etc</u>			
3	Half brick wall	m2	12	
4	One brick wall	m2	44	
5	Stone wall	m2	43	
	<u>Breaking down and removing hydraulic chambers, etc and preparing surfaces to receive new chambers</u>			
6	Gulleytraps	No	4	
	<u>Taking out and removing doors, windows, etc from brickwork</u>			
7	Timber single door and frame not exceeding 2,5m2	No	5	
8	Timber double door and frame not exceeding 2.5m2	No	10	
	Carried Forward		R	
	Section No. 2			
	Alterations			
	Bill No. 1			
	Alterations			
	Proposed Renovations & Alterations			
	At Onkgopotse Tiro Combined School (Girls Hostel)			

	Brought Forward			R	
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
9	Galvanised gutters	m	140		
10	Rainwater down pipes	m	160		
11	Fascias or bargeboards	m	127		
	<u>Taking out and removing joinery fittings etc</u>				
12	Taking out and removing timber cupboards	No	10.00		
	<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>				
13	Ceramic floor covering including preparing screed for new ceramic floor covering (ceramic measured elsewhere)	m2	10		
	<u>Taking out removing ironmongery</u>				
	<u>Servicing of all window frames to ensure a perfect fit and smooth opening action for hinges, window catches, etc.replace if necessary and leave in good working condition</u>				
14	Glazed steel window frames	No	100		
	<u>Taking out/off and removing sundry metalwork</u>				
15	Security gate 1600 x 2500mm high	No	6		
16	Security gate 817 x 2032mm high	No	2		
	Carried Forward			R	
Section No. 2 Alterations Bill No. 1 Alterations Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)					

	Brought Forward			R	
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>				
17	Internal plaster from walls	m2	30		
	<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster and tiling (measured elsewhere)</u>				
18	152 x 152mm Tiles to walls	m2	75		
	<u>Taking and removing steel table, steel lockers etc</u>				
19	600 x 900x 750mm cupboard	No	5		
	<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
20	25mm Galvanised steel piping including fittings and brackets	m	10		
21	100mm Cast iron piping including fittings and brackets	m	10		
22	15mm Copper piping including fittings and brackets	m	5		
23	22mm Copper piping including fittings and brackets	m	5		
24	38mm Copper piping including fittings and brackets	m	10		
25	Remove geyser and re-install outside	No	3		
	<u>Taking out and removing glass and mirrors</u>				
26	Glazing	m2	60		
	<u>MAKING GOOD OF FINISHES ETC</u>				
27	Cleaning with approved detergent to external walls	m2	560		
	Carried Forward			R	
	Section No. 2 Alterations Bill No. 1 Alterations Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 1</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>UNREINFORCED CONCRETE</u>			
	<u>25MPa/19mm concrete</u>			
1	Ramps	m3	3	
2	In vanity slabs	m3	6	
	<u>REINFORCED CONCRETE</u>			
	<u>25MPa/19mm concrete</u>			
3	In aprons	m3	10	
	<u>TEST BLOCKS</u>			
4	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	6	
	<u>CONCRETE SUNDRIES</u>			
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Rough formwork to</u>			
5	Soffits of vanity slabs, roof slabs, etc	m2	10	
	Carried Forward		R	
	Section No. 3 Building Work Bill No. 1 Concrete, Formwork and Reinforcement Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward			R
<u>Smooth formwork to sides</u>			
To sides of in narrow widths not exceeding 300 mm	m	20	
To sides of in narrow widths not exceeding 300 mm	m2	5	
Edges, risers, ends and reveals not exceeding 300mm high or wide circular exceeding 1m radius	m2	5	
<u>Fabric reinforcement</u>			
Type Ref 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	8	
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Building Work			
Bill No. 1			
Concrete, Formwork and Reinforcement			
Proposed Renovations & Alterations			
At Onkgopotse Tiro Combined School (Girls Hostel)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 2</u>			
	<u>MASONRY</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>PREAMBLES:</u>			
	The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	<u>NOTES:</u>			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the principal agent.			
	<u>Pointing</u>			
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
	<u>SUPERSTRUCTURE</u>			
	<u>Brickwork of NFP bricks in class II mortar</u>			
1	Half brick dwarf walls under vanity slab	m2	10	
2	Half brick walls	m2	60	
3	One brick walls	m2	20	
	<u>BRICKWORK SUNDRIES</u>			
	<u>Brickwork reinforcement</u>			
4	75mm Wide reinforcement built in horizontally	m	8	
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3			
	Building Work			
	Bill No. 2			
	Masonry			
	Proposed Renovations & Alterations			
	At Onkgopotse Tiro Combined School (Girls Hostel)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 3</u>			
	<u>CARPENTRY AND JOINERY:</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>FASCIAS AND BARGE BOARDS:</u>			
	<u>"Everite" medium density plain nutec-cement</u>			
1	15 x 225mm Fascia or barge board countersunk screwed to support and Steel roof members (elsewhere measured) with one brass screw at maximum 750mm centres and jointed with and including standard aluminium halfround cover strips at all joints.	m	127	
	<u>SKIRTINGS:</u>			
	<u>Wrought Meranti:</u>			
2	19 x 76mm Skirting nailed to walls with heads of nails punched and filled including 19mm quadrant bead planted on at junction with floor.	m	108	
	<u>DOORS:</u>			
	NOTE: All framed and ledged batten doors and combination doors, where battens are utilised, shall only be of construction acceptable to the Architect, i.e. mortice and tennon where the tennon is exposed on the outside edges of styles and where the tennon is wedged to form a dovetail shape (CKS type).			
	Carried Forward		R	
	Section No. 3 Building Work Bill No. 3 Carpentry and Joinery Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

	Brought Forward		R		
	Solid Meranti door, Framed, Ledged and Braced with V-joint boarding, flush back to match the existing				
3	44mm Door 813 x 2032mm high	No	3		
4	Ditto, Double door overall size 1 359 x 2 032mm high	No	6		
5	Ditto, Double door overall size 1 511 x 2 032mm high	No	7		
	44 mm Internal quality solid core flush panel doors to match the existing with concealed hardwood edge strips along vertical edges, finished on both sides with approved commercial veneer, suitable for painting, and hung to pressed steel frames (elsewhere measured)				
6	Door overall size 813 x 2 032mm high	No	75		
7	44mm Door 813 x 2125mm high	No	40		
	BUMP RAILS				
	Canadian beach timber bump rail fixed onto wall with 150 x 150 x 30m thick spacer blocks at 900mm centres				
8	200 x 25mm Bump rail	m	563		
	BUDGETARY ALLOWANCE				
9	Allow the sum for Carpentry & Joinery.		PS	400 000	00
	Carried Forward to Summary of Section No. 3				
	Section No. 3 Building Work Bill No. 3 Carpentry and Joinery Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			R	

Item No		Quantity	Rate	Amount
	SECTION NO. 3			
	BILL NO. 4			
	CEILINGS, PARTITIONS AND ACCESS FLOORING:			
	SUPPLEMENTARY PREAMBLES			
	PREAMBLES:			
	The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	CEILINGS, ETC.:			
	SUSPENDED CEILINGS:			
	<u>Ceiling tiles matching the existing pre-painted exposed 24mm grid tee suspension system including main and cross tees, necessary hangers, grids, hold down clips, etc</u>			
1	Ceilings suspended not exceeding 1m below concrete soffits	m2	81	
	NAILED UP CEILINGS:			
	<u>6.4mm "Rhino" or other approved fibre cement board with "Bischoff" and including preprimed H-type pressed steel jointing strips</u>			
2	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres in one direction.	m2	482	
3	Extra over fibre cement board ceiling for hinged pressed metal trap door size 600 x 600mm including all necessary trimmers, ironmongery, etc. (Provisional)	No	3	
	Carried Forward		R	
	Section No. 3 Building Work Bill No. 4 Ceilings, Partitions and Access Flooring Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 5</u>			
	<u>FLOOR COVERING, PLASTIC LINING, ETC</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>2,5m "Marley HD" fully flexible vinyl sheeting with welded joints</u>			
1	Vinly sheeting all in accordance with manufacturer's specification. Pattern to Architect's details and specifications. PC amount R 250.00/m2	m2	1 188	
	<u>SKIRTINGS:</u>			
	<u>"Marley Extruda"</u>			
2	80mm Vinyl edging	m	980	
	<u>POLISH, SEALERS, ETC</u>			
	<u>Sand and seal vinyl flooring</u>			
3	On vinyl flooring	m2	1 188	
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3			
	Building Work			
	Bill No. 5			
	Floor Coverings, Plastic Linings, etc			
	Proposed Renovations & Alterations			
	At Onkgopotse Tiro Combined School (Girls Hostel)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 6</u>			
	<u>IRONMONGERY:</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>HINGES AND BOLTS</u>			
1	150mm Brass hinge	No	24	
2	Brass panic bolt for double door 2032 mm high with one keep let into concrete	No	6	
	<u>Locks, etc.</u>			
	<u>The following ironmongery to be fixed to timber doors, metal doors and pressed metal frames</u>			
3	"Union Gower&Radius CZ692TL-73SC" or other approved satin chrome WC indicator bolt with emergency release	No	21	
4	"Solid Art 630" or other approved 50mm brass padlock with stainless steel shackle	No	6	
	<u>The following in Ironware locksets</u>			
	<u>Ironware or similar approved</u>			
5	Cylinder sash locks "IW2207SS" or other approved satin chrome three lever upright mortice lockset	No	115	
	Carried Forward		R	
	Section No. 3 Building Work Bill No. 6 Ironmongery Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

	Brought Forward		R
6	Cylinder sash locks "IW2207SS" or other approved satin chrome four lever upright mortice lockset HANDLES "Calini" or similar approved	No	12
7	"IW1007" 304 Stainless Steel Premium screw-on Rosette Door closers	No	106
8	"Dorma TS73" or other approved single action overhead door stay with bracket fixed to metal (Provisional) Doorstops	No	10
9	"Solid Art 255" or other approved satin chrome door stop with rubber buffer plugged and screwed to wall or floor PUSH PLATES AND KICKING PLATES "Union" or similar and approved	No	115
10	"Union AL 5022 - 06" 150 x 150mm plate (no piercing) with clearly visible engraving 'Pull' (2 off) BATHROOM FITTINGS	No	4
11	20 mm Chromium plated shower curtain rail 1000 mm long with and including stop end brackets and fixing in position to walls	No	23
12	Shower curtain in water-repellent polyester with a photographic print fixed on metal eyelets at the top with aluminium Shower curtain rings, 100% polyester. "Kimberley clark" or similar approved, securely plugged to wall	No	23
13	150 x 150mm glazed porcelain soap holder	No	30
14	Code 426213 "Reflex Disposer" litter bin	No	23
	Carried Forward		R
Section No. 3 Building Work Bill No. 6 Ironmongery Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward			R	
<u>"Franke" or similar approved</u>				
15	153 x 153 x 65 mm recessed Toilet Roll Holder manufactured from 18/10 stainless steel, surface satin finish, including screws and dowels and all necessary accessories in accordance to manufacturer's specification.	No	23	
16	14cm x 12.5cm x 27.5cm Lockable Stainless steel Toilet Roll Holder manufactured from stainless steel, surface satin finish, including screws and dowels and all necessary accessories in accordance to manufacturer's specification.	No	23	
<u>"HIBI" or similar approved</u>				
17	Code SD - ELB - S/S, Stainless steel scrub dispenser holder	No	23	
<u>Curtain rail</u>				
18	Double 25mm Stainless rod & curtain rail combo 50mm long complete with end brackets	No	2	
19	Single 25mm Stainless rod & curtain rail combo 50mm long complete with end brackets	No	50	
<u>"Buchel" or similar approved</u>				
20	"Buchel - Code: B 2802" - 700mm long towel rail securely plugged to wall	No	10	
21	"Buchel - Code: B 2802" - 600mm long towel rail securely plugged to wall	No	10	
22	600 x 19mm Stainless steel chromium plated towel rail. Complete with chromium and brackets plugged and screwed to wall	No	122	
<u>STEEL CUPBOARDS</u>				
<u>Steel Lockable Stationery Filling Cabinet as supplied by Obros International (011 234 3364 / 012 807 0824) or similar approved</u>				
23	Lockable Steel Cabinet size 1200 x 1800 x 450mm	No	58	
<u>KITCHEN CUPBOARDS</u>				
Carried Forward			R	
Section No. 3 Building Work Bill No. 6 Ironmongery Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 7</u>			
	<u>METALWORK:</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>WELDED OVERHEAD SECURITY GRILLES</u>			
	<u>The following in framed and welded mesh security grilles including all welding, holing, bolting and fixing in position complete generally 3,0m above floor level</u>			
	<u>SECURITY GRILLE GATES</u>			
1	30 x 50 x 2,5mm cold rolled hollow square section frame bolted to wall.	m	40	
2	50 x 50 x 2,5mm cold rolled hollow square section frame bolted to wall.	m	30	
	<u>Diagonal slated or equivalent security gates fixed to brickwork or concrete including slam lock, etc</u>			
3	Gate 879 x 2 125 mm high	No	2	
4	Gate 1 600 x 2 134 mm high	No	12	
	<u>PRESSED STEEL DOOR FRAMES</u>			
	Carried Forward		R	
	Section No. 3 Building Work Bill No. 7 Metalwork Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 8</u>			
	<u>PLASTERING:</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic on concrete to receive paint (paint elsewhere)</u>			
1	30mm Thick on floors and landings	m2	50	
	<u>Epoxy floor coated screed, all strictly in accordance with spec:</u>			
2	On internal floors	m2	80	
	<u>SCREEDS:</u>			
3	Self leveling screed	m2	100	
4	30 mm Screed on floors to receive Ceramic floor tiles	m2	80	
	<u>INTERNAL PLASTER:</u>			
	<u>One coat 1:4 cement plaster and one final coat gypsum plaster finished smooth with a steel float internally</u>			
	Carried Forward			R
	Section No. 3 Building Work Bill No. 8 Plastering Proposed Renovations & Alterations At Onkogotse Tiro Combined School (Girls Hostel)			

Brought Forward			R
<u>On brickwork:</u>			
On walls.	m2	60	
On narrow widths.	m2	10	
<u>ONE COAT (1:4) CEMENT PLASTER FINISHED TO A SMOOTH AND EVEN STEEL TROWELLED SURFACE:</u>			
<u>EXTERNAL PLASTER:</u>			
<u>One coat 1:4 cement plaster and one final coat gypsum plaster finished smooth with a steel float internally</u>			
<u>On brickwork:</u>			
On walls.	m2	30	
<u>CORNER PROTECTORS, DIVIDING STRIPS, ETC</u>			
40 x 3mm Flat section brass dividing strips between different floor finishes	m	30	
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Building Work			
Bill No. 8			
Plastering			
Proposed Renovations & Alterations			
At Onkgopotse Tiro Combined School (Girls Hostel)			

Department of Education & Sports Development			
	Quantity	Rate	Amount
m2	204		
m2	10		
m2	120		
		R	

Brought Forward			R	
<u>"Johnson" unglazed ceramic floor tiles; non-slip tiles or similar approved to match the existing fixed with an approved tile adhesive on cement screed (elsewhere) with and including grouted jointing to manufacturer's instructions</u>				
4	On floors.	m2	181	
5	75mm Skirting.	m	259	
6	On top of vanity slabs with joint continuous in both directions.	m2	10	
7	Fair exposed cutting and fitting water closet	No	20	
<u>Quarry floor tiles laid to approved pattern using approved adhesive and grout all in strict accordance with manufacturer's compliance to the latest SANS approved standards. Colour and end finish to architects approval.</u>				
8	On floors	m2	60	
<u>SOAP HOLDERS ETC.</u>				
9	152 X 152mm white glazed single soap holder and building into tiled or plastered wall including forming recess in brickwork	No	23	
Carried Forward to Summary of Section No. 3			R	
Section No. 3				
Building Work				
Bill No. 9				
Tiling				
Proposed Renovations & Alterations				
At Onkgopotse Tiro Combined School (Girls Hostel)				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 10</u>			
	<u>PLUMBING AND DRAINAGE (PROVISIONAL):</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	NOTE: The Tenderer is referred to the relevant Clause in the seperate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	<u>RAINWATER DISPOSAL:</u>			
	<u>0,6mm Galvanized sheet iron Class Z 275:</u>			
1	125 x 100mm Rectangular section eaves gutter with 20mm wide overlapping joints sealed with and including "Compriband" or other approved sealing strip and rivetted at 20mm centres.	m	109	
2	Extra over 100 x 125mm eaves gutter for stopped end.	No	4	
3	Extra over 100 x 125mm eaves gutter for outlet for 100 x 76mm downpipe including galvanized wire balloon grating.	No	8	
4	100mm x 76mm Rainwater pipe with brackets fixed to brick wall or concrete.	m	72	
5	Extra over 100 x 76mm rainwater pipe for shoe.	No	8	
6	Extra over 100 x 76mm rainwater pipe for eaves or plinth offset 700mm projection.	No	8	
	<u>SANITARY FITTINGS:</u>			
	Carried Forward		R	
	Section No. 3 Building Work Bill No. 10 Plumbing and Drainage (Provisional) Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward			R	
<u>Supply and fit the following sanitary fittings including all jointing materials, brass screws, bolts , plugging etc as required ; fittings and accessories to relevant CAS or BS standards</u>				
7	WC Suite: White 90 Vitreous china heavy duty single plastic flap seat a litre low level white vitreous china complete with cistern.	No	23	
8	Approved White C.I porcelain "Drop-in" plated outlet	No	23	
9	White "Junior" low level wc pan with heavy duty double flap plastic seat complete with cistern.	No	6	
10	Vaal Sanitaryware Springbok or similar approved ceramic fireclay heavy duty basin colour White (Code:703102), overall size 550 x 400mm with twoholes including integrated overflow and chainstay hole, fixed to wall on and including 2No. semi-concealed cast iron brackets (Code:8118Z0) and sealed with silicone sealant where basin meets wall.	No	32	
11	1 700 x 700mm wide bathtub	No	6	
<u>WASTE UNIONS, ETC.:</u>				
<u>"Cobra"or similar approved product</u>				
12	32mm Basin waste union with baknut plug and chain as "cobra 301"	No	32	
13	38mm Brass sink waste, chrome plated with backnut plug and chain as"Cobra 316"	No	2	
14	40mm Chromium plated sink waste fitting with chromium plated grating	No	2	
<u>TRAPS, ETC.:</u>				
<u>"Marley"or similar approved product</u>				
15	"Spazi" F/2 or other similar approved plumbing kit with 50/90mm outlet suitable for double bowl kitchen sinks	No	1	
Carried Forward			R	
Section No. 3 Building Work Bill No. 10 Plumbing and Drainage (Provisional) Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

		Brought Forward		R	
16	50mm "Cobra 365/50CP" or other approved chromium plated bottle trap	No	32		
	<u>TAPS, VALVES, ETC.:</u>				
17	15mm CP angle regulating valve	No	30		
18	20mm CP angle regulating valve	No	10		
19	Cobra or similar approved sink mixer: code 292CA	No	2		
20	15mm "Cobra Star 122" or other approved chromium plated stopcock	No	10		
21	15mm "Cobra Star 128" or other approved chromium plated undertile stopcock	No	10		
22	Chromium plated pillar tap or other similar approved	No	64		
23	22mm CP bath mixer or other similar approved	No	6		
	<u>SANITARY PLUMBING:</u>				
	<u>uPVC pipes:</u>				
24	40mm Pipes	m	40		
25	40mm Pipes in and including trenches under floors	m	50		
26	50mm Pipes in and including trenches under floors	m	50		
27	110mm Pipes.	m	35		
28	110mm Pipes in and including trenches under floors	m	30		
	<u>Extra over uPVC pipes for fittings:</u>				
29	40mm Bend	No	20		
30	50mm Bend	No	30		
31	50mm Access bend	No	20		
32	40 mm Junction	m	20		
		Carried Forward		R	
	Section No. 3 Building Work Bill No. 10 Plumbing and Drainage (Provisional) Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

Brought Forward				R	
33	40 mm Junction with inspection eye	No	5		
34	40 mm Bend with inspection eye	No	4		
35	100 mm Bend with inspection eye	No	2		
36	110mm Straight pan connector	No	23		
37	Extra over for 110mm pan connector with special adaptor and joint to WC pan	No	10		
Sundries:					
38	Allow for the testing of sanitary installation including flushing out pipes, cleaning out traps, etc		Item		
WATER SUPPLIES:					
Class O copper pipes:					
39	15mm Pipes.	m	25		
40	15mm Pipes chased into brick walls	m	30		
Extra over class O copper pipes for capillary fittings:					
41	15mm Fittings.	No	10		
FIRE SERVICE INSTALLATION					
Galvanised mild steel pipes					
42	25 mm Service pipe fixed to walls, etc	m	30		
43	50 mm Service pipe fixed to walls, etc	m	30		
Extra over galvanised mild steel pipes for fittings					
44	25 mm Bend	No	12		
45	25 mm Union	No	12		
46	50 mm Bend	No	12		
47	50 x 25 mm Reducing bend	No	12		
Carried Forward				R	
Section No. 3 Building Work Bill No. 10 Plumbing and Drainage (Provisional) Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)					

[illegible]

Item No		Quantity	Rate	Amount
	SECTION NO. 3			
	BILL NO. 11			
	GLAZING:			
	SUPPLEMENTARY PREAMBLES			
	NOTE: The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Principal Agent.			
	GLAZING TO STEEL WITH PUTTY			
	4mm Clear float glass			
1	Panes exceeding 0,1m ² and not exceeding 0,5m ²	m2	60	
	4mm Obscure glass			
2	Panes exceeding 0,1m ² but not ne 0.5m2	m2	10	
	TOPS, SHELVES, DOORS, MIRRORS, ETC.:			
3	6 mm GG Quality Polished glass mirror, size 450 x 600 mm high fixed to wall position as shown on site with round nose chromium plated mirror screws.	No	30	
4	6 mm GG Quality Polished glass mirror, size 900 x 1600 mm high fixed to wall position as shown on site with round nose chromium plated mirror screws.	No	2	
	Carried Forward to Summary of Section No. 3		R	
	Section No. 3			
	Building Work			
	Bill No. 11			
	Glazing			
	Proposed Renovations & Alterations			
	At Onkgopotse Tiro Combined School (Girls Hostel)			

[illegible]

	Brought Forward			R	
	<u>Two coats "Promac" interior PVA of approved colour to comply with SABS 634 or similar approved</u>				
4	On soffits of suspended concrete slabs and beams	m2	1 400		
	<u>ON FIBRE-CEMENT</u>				
	<u>Primed and painted with Plascon velveglo: Battleship Grey G13 to architects spec</u>				
5	On fibre-cement fascia and barge boards before fixing	m2	80		
	<u>Prepare surfaces and apply one coat "Dulux" Durafill Fillercoat (code: M370-2700) and two finishing coats "Dulux" wetaherguard ultrasmooth (code: D186-LINE) or similar approved</u>				
6	Ceilings and cornices	m2	68		
	<u>Two finishing coats 'Plascon Polvin Super Acrylic PVA (EPL)' paint or similar approved</u>				
7	On fibre-cement fascia and barge boards in narrow widths exceeding 150 mm but not exceeding 300 mm wide after fixing.	m2	60		
	<u>PAINT ON WOOD</u>				
	<u>Three coats 'Plascon Woodcoat (x44) polurethane varnish or similar approved</u>				
8	On general surfaces of doors	m2	22		
	<u>Finish with two coats clear eggshell polyurethane varnish or similar approved</u>				
9	On skirtings in narrow widths not exceeding 300 mm wide	m	108		
	<u>Prepare, stop and apply one coat red lead primer, one undercoat and two finishing coats high gloss enamel paint or similar approved</u>				
10	On general surfaces of doors (both sides measured)	m2	30		
	<u>PAINT ON METAL</u>				
	Carried Forward			R	
	Section No. 3 Building Work Bill No. 12 Paintwork Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

	Brought Forward			R	
	<u>Touch up manufacturer's priming coat and apply one coat 'Plascon Merit Universal Undercoat (UC1)' and two finishing coats 'Plascon Velvagio (VLO)' polyurethane alkyd paint or similar approved</u>				
11	On door frames and linings	m2	208		
	<u>One coat approved steel primer and apply two coats approved enamel paint or similar approved</u>				
12	On door frames and linings	m2	20		
	<u>One coat Plascon metalcare steel primer and Two coats 'Plascon Universal enamel colour: Battleship Grey or similar approved</u>				
13	On general surfaces of steel gates, balustrades, etc	m2	257		
	<u>Primed and painted with Plascon velveglo: Battleship Grey G13 to architects spec</u>				
14	On gutters and downpipes	m2	80		
	<u>Touch up manufacturer's priming coat and apply one coat 'Plascon Merit Universal Undercoat (UC1)' and two finishing coats 'Plascon Velvagio (VLO)' polyurethane alkyd paint or similar approved</u>				
15	On window frames with burglar bars, etc (both sides measured over the flat area)	m2	239		
16	On general surfaces of steel staircase	m2	234		
	<u>Remove existing paint and rust by means of paint remover, wire brush, etc. wash down with a solution of sugar soap and allow to dry, apply one coat primer and two coats "Dulux Roofguard" or similar approved roof paint</u>				
17	On roof sheeting	m2	569		
	<u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u>				
	<u>PREPARATORY WORK TO EXISTING WORK</u>				
	Carried Forward			R	
	Section No. 3 Building Work Bill No. 12 Paintwork Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

[illegible]

[illegible]

Item No		Quantity	Rate	Amount
	SECTION 4			
	BILL NO. 1			
	STORMWATER DRAINAGE (PROVISIONAL)			
	EXCAVATIONS			
	<u>Digging, taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good ground</u>			
1	160mm Sewer piping including fittings and brackets	m	500	
	NEW WORKS			
	<u>uPVC class 100 sewer pipes</u>			
2	110mm Pipes vertically or ramped to cleaning eyes etc (no excavation)	m	65	
3	110mm Pipes laid in and including trenches not exceeding 1m deep	m	372	
4	160mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	514	
	<u>Extra over uPVC pipes for fittings</u>			
5	110mm Bend	m	48	
6	160mm Bend	m	44	
	<u>Sundries</u>			
7	15MPa/19mm mass concrete encasing around 100mm horizontal drain pipe including all necessary formwork and extra excavatio, etc	m	153	
8	15MPa/19mm mas concrete encasing around 100mm vertical or raking drain pipe to cleaning eye including all necessary formwork	m	65	
	Carried Forward		R	
	Section No. 4			
	External Works			
	Bill No. 1			
	Soil Drainage			
	Proposed Renovations & Alterations			
	At Onkgopotse Tiro Combined School (Girls Hostel)			

Brought Forward			R	
9	Gulley not exceeding 1m deep to invert comprising 100mm diameter uPVC gulley trap and head, grating, etc. including excavating, bedding and encasing in 15MPa/19mm mass concrete and fitted with including precast concrete gulley top bedded in cement mortar	No	17	
10	ABC cast iron straight or bent cleaning eye with removable cover jointed to 110mm uPVC pipe and set in and including 15MPa/19mm mass concrete surround with exposed surfaces troweled smooth	No	21	
<u>Precast concrete circular inspection chambers (covers elsewhere)</u>				
11	Inspection chamber 1200mm diameter, exceeding 1000mm and not exceeding 1250mm deep internally	No	12	
12	Inspection chamber 1200mm diameter, exceeding 1250mm and not exceeding 1500mm deep internally	No	18	
<u>Covers etc</u>				
13	1130mm Diameter x 100mm thick precast removable cover with 560mm diameter opening for cast iron cover and frame (elsewhere)	No	12	
14	560mm Diameter x 550kg cast iron manhole cover and frame	No	18	
15	Lifting key for manhole cover	No	30	
<u>Sundries</u>				
16	Hole through side of precast concrete manhole for pipe exceeding 100mm and not exceeding 200mm diameter and make good	No	60	
<u>TESTING</u>				
17	Testing soil drainage system		Item	
Carried Forward to Summary of Section No. 4			R	
Section No. 4				
External Works				
Bill No. 1				
Soil Drainage				
Proposed Renovations & Alterations				
At Onkgopotse Tiro Combined School (Girls Hostel)				

[illegible]

Brought Forward				R	
<u>Security fencing including site clearance and preparation of ground</u>					
4	Security fencing 2,4m high formed of 13 strands of straining wires each strand formed of twisted double strand 1,6mm thick galvanised wires incorporating 3 barbs in every twist at 150mm centres mechanically strained between straining and / or gate and corner posts at maximum 3m centres with one end passed through holes and securely tied to posts and other end securely tied to and including eyebolts bolted onto posts; each strand tied at maximum 3m centres to intermediate posts (elsewhere) with and including 2,5mm galvanised binding wire; the fence complete with and including three rows of flat wrap razor security wire in 700mm diameter vertical loops fixed at each intersection with barbed straining wires with and including 2,5mm galvanised binding wire.	m	250		
5	50mm diameter x 2,8mm thick galvanised intermediate post 2,6m long with mushroom cap welded onto top and with 200 x 200 x 6mm mild steel base plate welded onto bottom end including setting up and embedded in position concrete base (elsewhere)	No	10		
6	100mm diameter x 3mm thick galvanised end or gate post 2,6m long with mushroom cap welded onto top; the post 13 times holed for straining wires or eyebolts and with 300 x 300 x 6mm mild steel base plate welded onto bottom end; the post complete with and including one 50mm diameter x 2,8mm thick galvanised stay 2,4m long with top end flattened for a length of 180mm, holed for and bolted to post with and including M12 galvanised mild steel bolts with nuts and washers including drilling holes through posts and with 200 x 200 x 6mm mild steel base plate welded onto bottom end of stay including setting up post and stay and embedding in position in concrete bases (elsewhere)	No	10		
7	Ditto, but straining or corner post with two stays.	No	10		
Carried Forward				R	
Section No. 4 External Works Bill No. 2 Security Fencing Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)					

Brought Forward			R	
<u>The following in mild steel gates</u>				
8	Single pedestrian gate size 1,35 x 1,8m high formed of 50mm diameter x 2,8mm thick galvanised mild steel pipe framing all round complete with one 50mm diameter x 2,8mm thick galvanised mild steel pipe diagonal brace all neatly mitred and welded intersections; the gate with 11 strands of straining wires each strand formed of twisted double strand 1,6mm thick galvanised wires incorporating 3 barbs in every twist at 150mm centres mechanically strained between and securely fixed to gate styles complete with and including three rows of flat wrap razor security wire in 600mm diameter vertical loops fixed at each intersection with barbed straining wires with and including 2,5mm galvanised binding wire and the one style fitted with and including two standard type pin and collar hinges bolted onto gate post (elsewhere) including drilling holes through gate post and other style with purpose made mild steel bar 320mm girth bent to semi circular shape and welded on.	No	2	
9	Double gate size 4,05 x 1,8m high overall into two equal leaves, each formed of 50mm diameter x 2,8mm thick galvanised mild steel pipe framing all round complete with one 50mm diameter x 2,8mm thick galvanised mild steel pipe diagonal brace all neatly mitred and welded at intersections; the gate with 11 strands of straining wires each strand formed of twisted double strand 1,6mm thick galvanised wires incorporating 3 barbs in every twist at 150mm centres mechanically strained between and securely fixed to gate styles complete with and including three rows of flat wrap razor security wire in 600mm diameter vertical loops fixed at each intersection with barbed with barbed straining wires with and including two standard type pin and collar hinges bolted onto gate post (elsewhere) including drilling holes through gate post and other style with purpose made mild steel plate gate locking device and hand-hole opening formed of 10mm diameter mild steel bar 320mm girth bent to semi circular shape welded on.	No	1	
10	200mm Galvanised heavy duty barrel bolt welded onto gate style.	No	8	
11	Locking chain 600mm long with 50mm links	No	2	
12	63mm brass five pin tumbler padlock with keys	No	3	
<u>PAINTING</u>				
Carried Forward			R	
Section No. 4 External Works Bill No. 2 Security Fencing Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)				

Brought Forward			R	
<u>(HAYLETT FORMULA WORK GROUP NO. 152)</u>				
<u>Prepare and apply one coat zinc chromate primer ant two coats bituminous aluminium paint</u>				
13	On steel posts exceeding 300mm girth	m2	55	
14	On steel posts and stays not exceeding 300mm girth	m	60	
Carried Forward to Summary of Section No. 4			R	
Section No. 4				
External Works				
Bill No. 2				
Security Fencing				
Proposed Renovations & Alterations				
At Onkgopotse Tiro Combined School (Girls Hostel)				

SECTION SUMMARY - External Works			
Bill No		Page No	Amount
1	Soil Drainage	-78-	
2	Security Fencing	-82-	
Carried to Final Summary			R
Section No. 4			
External Works			
Proposed Renovations & Alterations			
At Onkgopotse Tiro Combined School (Girls Hostel)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 5</u>			
	<u>BILL NO. 1</u>			
	<u>PROVISIONAL SUMS AND PRIME COST AMOUNTS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	PREAMBLES:			
	The Tenderer is referred to the relevant Clause in the separate document "Model Preambles for Trades" (2008 Edition) and to the Supplementary Preambles which are incorporated hereunder.			
	<u>NOTES:</u>			
	Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior approval from the architect			
	<u>Descriptions</u>			
	Descriptions of paintwork shall be deemed to include for all cutting in.			
	<u>The following Provisional Sums and Prime Cost Items are net</u>			
	<u>The Contractor shall allow for profit and attendance after each Prime Cost Sum. Where no allowance has been made by the Contractor, it shall be assumed the allowance shall have been included elsewhere in the rates for other works.</u>			
	<u>The following Provisional Sums are to be spent as directed by the Architect or deducted in whole or in part if not required (No profit is to be added).</u>			
	<u>ELECTRICAL WORKS</u>			
1	Allow the sum as indicated for electrical works as directed by the Principal Agent	PS		700 000 00
2	Allow for profit	Item		
3	Allow for attendance	Item		
	Carried Forward		R	
	Section No. 5 Provisional Sums Bill No. 1 Provisional sums Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)			

	Brought Forward		R		
	<u>MECHANICAL WORKS</u>				
4	Allow the sum as indicated for mechanical works	PS		200 000	00
5	Allow for profit	Item			
6	Allow for attendance	Item			
	<u>FURNITURE</u>				
7	Allow the sum as indicated for furniture as directed by the Principal Agent	PS		500 000	00
8	Allow for profit	Item			
9	Allow for attendance	Item			
	<u>UPGRADING OF EXISTING SEWERAGE TREATMENT PLANT (TO BE DONE BY A NOMINATED CONTRACTOR)</u>				
10	Allow the sum as indicated for upgrading of existing sewerage treatment plant as directed by the Principal Agent	PS		2 500 000	00
11	Allow for profit	Item			
12	Allow for attendance	Item			
	<u>FIRE DETECTION AND SAFETY (TO BE DONE BY A NOMINATED SUB-CONTRACTOR)</u>				
13	Allow the sum as indicated for fire detection and safety as directed by the Principal Agent	PS		600 000	00
14	Allow for profit	Item			
15	Allow for attendance	Item			
	<u>CURTAINS</u>				
16	Allow the sum as indicated for curtains as directed by the Principal Agent	PS		30 000	00
17	Allow for profit	Item			
18	Allow for attendance	Item			
	Carried Forward		R		
Section No. 5 Provisional Sums Bill No. 1 Provisional sums Proposed Renovations & Alterations At Onkgopotse Tiro Combined School (Girls Hostel)					

[illegible]

[illegible]