PART A: PRELIMINARIES

BILL NO. 1

PRELIMINARIES

BUILDING AGREEMENT AND PRELIMINARIES

The JBCC Series 2000 Principal Building Agreement (March 2005 edition) prepared by the Joint Building Contracts Committee, shall be the agreement, amended as hereinafter described.

The Preliminaries for use with the JBCC Series 2000 Principal Building Agreement (May 2005 edition) prepared by the Joint Building Contracts Committee, shall be deemed to be incorporated in these bills of quantities.

Contractors are referred to the above-mentioned documents for the full intent and meaning of each clause thereof.

These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the above-mentioned documents.

Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable".

Notwithstanding anything to the contrary contained in any of the contract documents including the Principal Building Agreement and the Preliminaries, the provision of the "Preliminaries" as hereinafter set forth shall prevail and shall take precedence.

Bill No. 1
Preliminaries

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PREAMBLES FOR TRADES

The Model Preambles for Trades (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claim arising from brevity of description of items fully described in the said Model Preambles for Trades will be entertained.

Supplementary preambles to the Model Preambles covering clauses of a general nature, clauses pertaining to specific materials and amendments to clauses in the Model Preambles are incorporated in these bills of quantities to satisfy the requirements of this project.

The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the Model Preambles and in any supplementary preambles.

GENERAL

If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories "F", "T" or "V" as the case may be below such item, where "F" denotes a fixed amount (amount not to be varied), "T" denotes an amount variable in proportion to time and "V" denotes an amount variable in proportion to value.

SECTION A - PRINCIPAL BUILDING AGREEMENT

Definitions (A1)

1 Definitions and interpretation (clause 1)

<table>
<thead>
<tr>
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<th>Item</th>
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Preliminaries

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R
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW
VUKUZAKHE SMALL CLINIC

Objective and Preparation (A2 to A14)

2 Offer acceptance and performance (clause 2)

F:............................ V:............................ T:............................ Item

3 Documents (clause 3)

F: ....................... V:............................ T:............................ Item

4 Design responsibility (clause 4)

F:............................. V:............................ T:............................ Item

5 Employer's agents (clause 5)

F:............................. V:............................ T:............................ Item

The principal agent shall:

- monitor and control progress and scheduling
- monitor all contract conditions, and
- coordinate the efforts of the employer's agents, the contractor and subcontractors

The powers conferred on the principal agent in terms of this clause and/or the exercising of these powers shall not be construed as removing or diminishing any of the obligations of the Contractor in terms of the Principal Building Agreement, whether financial, contractual or otherwise, nor shall the exercising of these powers create any privity of contract as between the Employer or his agents on the one part and the Contractor or subcontractors or suppliers on the other part

The principal agent reserves the right to attend and participate in all contractor/subcontractor's meetings, to invite other employer's agents to attend such meetings at his discretion and to converse and chair any such meetings if the contractor is derelict in his duty in arranging such meetings to the degree of frequency and comprehensiveness dictated in the opinion of the project manager by the circumstances and exigencies of the construction process

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Site representative (clause 6)

F:............................  V:............................  T: ....................... Item

Compliance with regulations (clause 7)

F:............................  V:............................  T: ....................... Item

Works risk (clause 8)

F: ..........................  V: ..........................  T: ........................ Item

Indemnities (clause 9)

F: ..........................  V: ..........................  T: ........................ Item

Works insurances (clause 10)

F: ..........................  V: ..........................  T: ........................ Item

Liability insurances (clause 11)

F: ..........................  V: ..........................  T: ........................ Item

Effecting insurance (clause 12)

F: ..........................  V: ..........................  T: ........................ Item

NO CLAUSE

N/A

Security (clause 14)

F: ..........................  V: ..........................  T: ........................ Item
**Execution (A15-A23)**

15 Preparation for and execution of the works (clause 15)

F: ........................................ V:................................. T:.................................

16 Access to the works (clause 16)

F:........................................ V:................................. T:.................................

17 Contract instructions (clause 17)

F:........................................ V:................................. T:.................................

18 Setting out of the works (clause 18)

F:........................................ V:................................. T:.................................

The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc exist in order that the necessary arrangements may be made for the rectification of any such encroachments

19 Assignment (clause 19)

F:........................................ V:................................. T:.................................

The contractor shall not cede his rights or delegate his obligations in terms of this agreement unless specifically called for by the employer

20 Nominated subcontractors (clause 20)

F:........................................ V:................................. T:.................................

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Bill No. 1
Preliminaries
### Construction of the Concrete Palisade Fence at the New Vukuzakhe Small Clinic

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<thead>
<tr>
<th>Item</th>
<th>Subcontractors (clause 21)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F:.......................... V:.......................... T:..........................</td>
</tr>
</tbody>
</table>

Written proof is required from subcontract tenderers at tendering that they can meet the JBCC Selected Subcontract Agreement or other tender agreements and provide security in terms of the agreement. If the above is not provided the tender may not be accepted.

All amounts allowed under Provisional Amounts are intended to be awarded to Selected Subcontractors.

<table>
<thead>
<tr>
<th>Item</th>
<th>Employer's Direct Contractors (clause 22)</th>
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<table>
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<tr>
<th>Item</th>
<th>Contractor's Domestic Sub-Contractors (Clause 23)</th>
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**Completion (A24-A30)**

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<th>Practical completion (clause 24)</th>
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<tr>
<th>Item</th>
<th>Final completion (clause 26)</th>
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</table>

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Bill No. 1
Preliminaries
27 Latent defects liability period (clause 27)

F:......................... V:.............................. T:..............................

Item

28 Sectional completion (clause 28)

F:......................... V:.............................. T:..............................

Item

29 Revision of date of practical completion (clause 29)

F:......................... V:.............................. T:..............................

Item

The removal and replacement of materials and/or workmanship that do not conform to specification or drawings shall not constitute grounds for an extension of the construction period nor for an adjustment to the contract sum (clause 29.3)

30 Penalty for non-completion (clause 30)

F:......................... V:.............................. T:..............................

Item

Payment (A31 - A35)

31 Interim payment to the contractor (clause 31)

F:......................... V:.............................. T:..............................

Item

32 Adjustment to the contract value (clause 32)

F:......................... V:.............................. T:..............................

Item

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Bill No. 1
Preliminaries

R
Where prices are submitted by the contractor or nominated/selected subcontractors during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract 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 final certificate, it will be in writing.

33 Recovery of expense and loss (clause 33)

F:............................ V:............................ T:............................ Item

34 Final account and final payment (clause 34)

F:............................ V:............................ T:............................ Item

The employer shall not pay any interest on amounts payable to the contractor for one hundred and forty two (142) days after the date of issue of the certificate of practical completion.

The employer shall, however, pay interest to the contractor at the rate stipulated in clause 34.11 on any amounts payable to the contractor more than one hundred and forty two (142) days after the date of issue of the certificate of practical completion but only for such period as the settlement of the final account is delayed by the non-performance of the principal agent or the employer or his agents. In evaluating non-performance for purposes of this clause a reasonable time shall be allowed to the employer or his agents to respond to any matter brought to his/their attention and which may affect the settlement of the final account.

Bill No. 1
Preliminaries

Carried to Collection
<table>
<thead>
<tr>
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<tr>
<td>35</td>
<td>Payment to other parties (clause 35)</td>
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<td>36</td>
<td>Cancellation by employer - contractor's default (clause 36)</td>
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<td>37</td>
<td>Cancellation by employer - loss and damage (clause 37)</td>
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<td>38</td>
<td>Cancellation by contractor - employer's default (clause 38)</td>
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<td>39</td>
<td>Cancellation - cessation of the works (clause 39)</td>
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<td>40</td>
<td>Dispute Settlement (clause 40)</td>
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Bill No. 1
Preliminaries
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

Substitute Provisions (A41)

41 State clauses (Clause 41)

F:............................ V:............................ T:............................

Information necessary for the completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder

THE SCHEDULE

Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder

42 Pre-tender information (clause 42)

F:............................ V:............................ T:............................

42.1 CONTRACTING AND OTHER PARTIES

42.1.1 Employer:

Department of Public Works, Road and Transport

Postal address:

Private Bag x 11302
Nelspruit
Code 1200

Tel: (013) 766 6934
Fax: (013) 766 8453

Physical Address:

Building 7
Riverside complex
Nelspruit

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R
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

42.1.2
Principal Agent:

Organic Architects

Postal Address:
P.O.Box 4340
Randburg
2194

Physical Address:
271 Kent Avenue
Randburg

42.1.3
Architect:

Organic Architects

Postal Address:
P.O.Box 4340
Randburg
2194

Physical Address:
271 Kent Avenue
Randburg

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Preliminaries
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

42.1.4 Quantity Surveyor:

Indwe Quantity Surveyors

Postal Address:
10 Geelhout Street
Nelspruit
1200

Physical Address:
10 Geelhout Street
Nelspruit
1200

42.1.5 Agents service: Structural

Ntinga Engineers

Postal Address:
PO Box 8937
Sonpark
Nelspruit
1200

Physical Address:
11 Ferreira Street
Colfin House
Nelspruit
42.1.6
Agents service: Civil Engineer
Ntinga Engineers
Postal Address:
PO Box 8937
Sonpark
Nelspruit
1200

Physical Address:
11 Ferreira Street
Collfin House
Nelspruit

42.1.6
Electrical Engineer:
CPP Marepo
Postal Address:
PO Box 249
Nelspruit
1200

Physical Address:
4 Skoenlapper Street
Nelspruit

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42.1.6
Agents service: Mechanical Engineer
CPP Marepo
Postal Address:
PO Box 249
Nelspruit
1200
Physical Address:
4 Skoenlapper Street
Nelspruit

42.2  CONTRACT DETAILS

42.2.1  Works Description:

Construction of concrete palisade fence at the new
Vukuzakhe CHC in Gert Sibande district as part of the
national health insurance

42.2.2  Site Description:
The site is located on Mavuso Street, Volksrus

42.2.3  Work or installations by direct contractors:
N/A

42.2.4  This agreement is for a government contract
where there are specific options that are applicable to a
State organ only
Yes

42.2.5  Date on which possession of the site is intended
to be given:
2 NOVEMBER 2015

42.2.6  Period for the commencement of the works after
the contractor takes possession of the site
10 working days

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42.2.7 For the works as a whole. Intended date of practical completion and the penalty per calendar day

3.5 months after contractual commencement date

Penalty Amount
R 0.05 cents per R100 of the total contract amount

42.2.8 For the works in sections: Intended date of practical completion and the penalty per calendar day

42.2.9 The law applicable to this agreement shall be that of South Africa (country)

42.3 INSURANCES

42.3.1 Contract works insurance to be effected by: Contractor:

For the Sum of 10% of the Contract Amount
With a deductible of - to be determined by the Principal Agent

42.3.2 Supplementary insurance is required

No

42.3.3 Public liability insurance to be effected by: Contractor:

For the Sum of R

With a deductible of - to be determined by the Principal Agent

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### 42.4 DOCUMENTS

**42.4.1 Waivers of contractors lien or right of continuing possession is required**

Yes

**42.4.2 Number of construction document copies to be supplied to the contractor free of charge:**

3 Number of

**42.4.3 Bills of Quantities/Lump sum document**

schedule of rates drawn up in accordance with:

Standard System of Measuring Builders Work

**42.4.4 On acceptance of the tender the bills of quantities/lump sum document is to be submitted within 7 (seven) working days**

*The priced bills of quantities must be handed in with the tender*

**42.4.5 JBCC Engineering General Conditions are to be included in the contract documents:**

No

**42.4.6 The contract value is to be adjusted using escalation adjustment indices**

NO

**42.4.7 Details of changes made to the provision of JBCC standard documentation:**

### SECTION B: PRELIMINARIES

Bill No. 1
Preliminaries

**Carried to Collection**
### Definitions and interpretation (B1)

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<tr>
<th>Item</th>
<th>Checking of documents (B2.1)</th>
<th>Provisional bills of quantities (B2.2)</th>
<th>Availability of construction documentation (B2.3)</th>
<th>Interests of agents (B2.4)</th>
<th>Priced documents (B2.5)</th>
<th>Tender submission (B2.6)</th>
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**Bill No. 1**

**Preliminaries**

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**Carried to Collection**
### CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

#### The site (B3)

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<tr>
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<td>Defined works area (B3.1)</td>
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<tr>
<td>51</td>
<td>Geotechnical investigation (B3.2)</td>
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<td>52</td>
<td>Inspection of the site (B3.3)</td>
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<tr>
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<td>Existing premises occupied (B3.4)</td>
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<tr>
<td></td>
<td>Previous work - dimensional accuracy (B3.5)</td>
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</tr>
<tr>
<td></td>
<td>Previous work - defects (B3.6)</td>
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<td>53</td>
<td>Services - known (B3.7)</td>
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**Bill No. 1**

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<td>54</td>
<td>Services - unknown (B3.8)</td>
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<tr>
<td>55</td>
<td>Protection of trees etc (B3.9)</td>
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<td>56</td>
<td>Articles of value (B3.10)</td>
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<tr>
<td>57</td>
<td>Inspection of adjoining properties etc (B3.11)</td>
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<td><strong>Management of contract (B4)</strong></td>
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<td>58</td>
<td>Management of the works (B4.1)</td>
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<td>Programme for the works (B4.2)</td>
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<td>60</td>
<td>Progress meetings (B4.3)</td>
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<td>63</td>
<td>Samples, Shop Drawings and Manufacturer’s Instructions (B5)</td>
<td><strong>Samples, Shop Drawings and Manufacturer’s Instructions (B5)</strong></td>
<td>F:</td>
<td>V:</td>
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<td>63</td>
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<td>Workmanship samples (B5.2)</td>
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<td>Shop drawings (B5.3)</td>
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<td>Compliance with Manufacturer’s Instructions (B5.4)</td>
<td>F:</td>
<td>V:</td>
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**Carried to Collection**
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

Temporary works and plant (B6)

67 Deposits and fees (B6.1)

F:............................  V:............................  T:............................

68 Enclosure of the works (B6.2)

F:............................  V:............................  T:............................

69 Advertising (B6.3)

F:............................  V:............................  T:............................

70 Plant, equipment, sheds and offices (B6.4)

F:............................  V:............................  T:............................

71 Main notice board (B6.5)

F:............................  V:............................  T:............................  N/A

72 Subcontractors’ notice board (B6.6)

F:............................  V:............................  T:............................  N/A

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## Temporary services (B7)

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<td>Location (B7.1)</td>
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<tr>
<td>74</td>
<td>Water (B7.2)</td>
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<td>Option [A] shall apply</td>
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<td>Electricity (B7.3)</td>
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<td>Option [A] shall apply</td>
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<td>76</td>
<td>Telecommunication facilities (B7.4)</td>
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<td>Ablution facilities (B7.5)</td>
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<tr>
<td></td>
<td>Option [A] shall apply</td>
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## Prime cost amounts (B8)

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<td>Responsibility for prime cost amounts (B8.1)</td>
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Bill No. 1
Preliminaries
## Attendance on N/S Subcontractors (B9)

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<tr>
<td>79</td>
<td>General attendance (B9.1)</td>
<td></td>
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<tr>
<td></td>
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<tr>
<td>80</td>
<td>Special attendance (B9.2)</td>
<td></td>
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<tr>
<td>81</td>
<td>Commissioning - Fuel, water and power (B9.3)</td>
<td></td>
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### Financial aspects (B10)

<table>
<thead>
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<tbody>
<tr>
<td>82</td>
<td>Payment of preliminaries (B10.2) Option [B] shall apply</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>83</td>
<td>Adjustment of preliminaries (B10.3) Option [A] shall apply</td>
<td></td>
<td></td>
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**Carried to Collection**

- Bill No. 1
- Preliminaries
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<tbody>
<tr>
<td>84</td>
<td>Payment certificate cash flow (B10.4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>Protection of works (B11.1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>86</td>
<td>Protection/isolation of existing/sectionally occupied works (B11.2)</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>87</td>
<td>Security of the Works (B11.3)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>88</td>
<td>Notice before covering work (B11.4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>89</td>
<td>Disturbance (B11.5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>Environmental Disturbance (B11.6)</td>
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**Carried to Collection**

Bill No. 1
Preliminaries
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

91 Works cleaning and clearing (B11.7)
F:............................ V:............................ T:............................

92 Vermin (B11.8)
F:............................ V:............................ T:............................

93 Overhand work (B11.9)
F:............................ V:............................ T:............................

94 Instruction manuals and guarantees (B11.10)
F:............................ V:............................ T:............................

95 As built information (B11.11)
F:............................ V:............................ T:............................

96 Tenant Installations (B11.12)
F:............................ V:............................ T:............................

Schedule of variables (B12)

97 Pre-tender information (B12.1)
F:............................ V:............................ T:............................

12.1.1 Provisional bills of quantities (B2.2)
The quantities are provisional:
No

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Bill No. 1
Preliminaries

R
12.1.2 Availability of construction documentation (B2.3)
Construction documentation is not complete
No

12.1.3 Interest of agents (B2.4)

12.1.4 Defined works area (B3.1)

12.1.5 Geotechnical investigation (B3.2)
N/A

12.1.6 Existing premises occupied (B3.4)

12.1.7 Previous work - dimensional accuracy (B3.4)

12.1.8 Previous work - defects (B3.5)

12.1.9 Services - known (B3.7)

12.1.10 Protection of trees (B3.9)
All trees should be protected and only on instruction of the Principal Agent may any trees be removed

Bill No. 1
Preliminaries

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R
12.1.11 Inspection of adjoining properties (B3.11)

12.1.12 Enclosure of the works (B6.2)

12.1.13 Offices (B6.4.3)

   An office for the clerk of works should be provided

12.1.14 Main notice board (B6.5)

   YES

12.1.15 Subcontractors notice board (B6.6)

   A notice board is required

   No

12.1.16 Water (B7.2)

   Alternative Selected: A

12.1.17 Electricity (B7.3)

   Alternative selected: A

12.1.18 Telecommunications (B7.4)

12.1.19 Ablution facilities (B7.5)

   Alternative selected: A

12.1.20 Protection of existing/sectionally occupied works (B11.2)

Bill No. 1
Preliminaries

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R
12.1.21 Special attendance (B9.2)
   Subcontractor (1) details:
   N/A

12.1.22 Protection of the works (B11.1)
   N/A

12.1.23 Disturbance (B11.5)
   N/A

12.1.24 Environmental Disturbance (B11.6)
   N/A

**Post tender information (B12.2)**

12.2.1 Payment of preliminaries
   Alternative selected: B

12.2.2 Adjustment of preliminaries
   Alternative selected: A

12.2.3 Additional agreed preliminaries items
   N/A

**SECTION C: SPECIFIC PRELIMINARIES**

Any special items to meet the particular circumstances of a specific project are embodied in this section. Where required for an aspect of the works to be executed according to a design by a consulting engineer, a recital of the headings to the individual clauses of the JBCC Engineering General Conditions are included.

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Bill No. 1
Preliminaries

R
98 Black economic empowerment and training
F:............................ V:............................ T:............................

99 Proprietary branded products
F:............................ V:............................ T:............................

The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturers’ instructions after consultation with the manufacturer’s authorised representative

100 Contract instructions
F:............................ V:............................ T:............................

Contract instructions issued on site are to be recorded in triplicate in a contract instruction book which is to be supplied and maintained on site by the contractor

101 Labour record
F:............................ V:............................ T:............................

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and descriptions of tradesmen and labourers employed by him and all subcontractors on the works each day of that week

Carried to Collection

Bill No. 1
Preliminaries

-29-
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

102 Plant record

F:............................ V:............................ T:............................

At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools used on the works each day of that week.

103 Guarantees

F:............................ V:............................ T:............................

Where guarantees are called for, the contractor shall obtain a written guarantee, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The guarantee shall state that workmanship, materials and installation are guaranteed for a specified period from the date of certified completion of the contract, and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice from the principal agent to do so. This guarantee will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor. The principal agent shall be the sole judge of the cause responsible for defects in the work and his decision shall be final and binding in terms of clause 40.2 of the agreement.

104 Overtime

F:............................ V:............................ T:............................

Item

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Bill No. 1
Preliminaries

-30-
Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised, in writing, prior to execution thereof, that costs for such overtime are to be borne by the employer.

105 Co-operation of contractor for cost management

It is specifically agreed that the contractor accepts the obligation of assisting the professional consultants 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 final building cost does not exceed the budget. The quantity surveyor undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedures to be implemented and the contractor will attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures in regard to all subcontractors.

106 Occupational Health and Safety Specification

Any Principal Contractor entering into a contract with The Developer must achieve an acceptable level of Occupational Health and Safety performance. Refer to "Project Specification" and "Safety, Health and Environmental Evaluation Questionaire". The contractor to comply with all provisions of the above and to be enforced on all selected and or other sub-contractors, as no claim afterwards will be entertained.

107 Obligatory Sub-contracting and Training

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Bill No. 1
Preliminaries
The Principal Agent shall call for tenders for Sub-Contractors. The Department of Public Works data base of registered Contractors shall be used where possible.

The Principal Agent and the Contractor shall provide for sections of the proposed tender to be subcontracted to a Domestic Sub-Contractor. The Principal Agent and the Contractor shall at all times make sure that the work complies with the relevant specifications, standards and norms as contained in this tender.

The Principal Agent and the Contractor shall provide for the necessary skills transfer and assistance to complete the sub-contracted section of the works.

The Principal Agent and the Contractor shall provide the necessary documentation to the Domestic Sub-Contractor for upgrading of the rating by CIDB.

BEE Sub-Contractors must be 100% black owned and have offices in Mpumalanga Province

108 Expanded Public Works Programme

The Contractor shall study the guidelines for the implementation of labour-intensive infrastructure projects under the Expanded Public Works Programme (EPWP) attached to this document. The Contractor shall take note of the requirements and inform all selected and or other sub-contractors, as no claim afterwards will be entertained
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

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CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

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Bill No. 1
Preliminaries
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

BILL NO. 2

EXTERNAL WORK (PROVISIONAL)

STANDARD PREAMBLES

The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill

SUPPLEMENTARY PREAMBLES

Nature of ground

The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "hard rock" or "soft rock".

Carting away of excavated material

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site

Cost of tests

The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the architect. (Test cubes are measured separately)

GENERAL

The tenderers to attend a compulsory site briefing meeting to acquaint themselves fully as to the conditions on site as no claim in this regard will be entertained.

This Bills of Quantities should be read in conjunction with the following drawings and specification:

Architect:

Project Specific

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Bill No. 1
External Works
<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Site clearance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc</td>
<td>m²</td>
<td>2703</td>
</tr>
<tr>
<td><strong>EXCAVATION, FILLING, ETC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excavation in earth not exceeding 2m deep</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Holes</td>
<td>m³</td>
<td>48</td>
</tr>
<tr>
<td>Extra over trench and hole excavations in earth for excavation in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Soft rock</td>
<td>m³</td>
<td>5</td>
</tr>
<tr>
<td>4 Hard rock</td>
<td>m³</td>
<td>2</td>
</tr>
<tr>
<td>Extra over all excavations for carting away</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor</td>
<td>m³</td>
<td>36</td>
</tr>
<tr>
<td>Risk of collapse of excavations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Sides of trench and hole excavations not exceeding 1,5m deep</td>
<td>m²</td>
<td>480</td>
</tr>
<tr>
<td>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Backfilling to trenches, holes, etc</td>
<td>m³</td>
<td>12</td>
</tr>
<tr>
<td><strong>SOIL POISONING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil insecticide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 To bottoms and sides of trenches etc</td>
<td>m²</td>
<td>541</td>
</tr>
<tr>
<td><strong>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25MPa/19mm concrete</td>
<td></td>
<td></td>
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<tr>
<td>9 Bases (size of each base 400 x 400 x 600mm thick)</td>
<td>m³</td>
<td>36</td>
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Bill No. 1
External Works
### TEST BLOCKS

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<tr>
<td>10</td>
<td>Making and testing 150 x 150 x 150mm concrete strength test cube</td>
<td>No 12</td>
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### REINFORCEMENT

- Mild steel reinforcement to structural concrete work

<table>
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<tbody>
<tr>
<td>11</td>
<td>8mm Diameter bars</td>
<td>t 3.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>12mm Diameter bars</td>
<td>t 3.60</td>
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### FENCING

- Galvanised steel security fencing

<table>
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<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>13</td>
<td>Security fencing 1.8m high formed of three 4mm diameter steel straining wires passed through and including 50mm diameter x 2mm thick steel posts tied to straining posts or eye bolts covered with 50 x 50 x 2.5mm welded wire mesh fixed to each straining wire at regular intervals complete as per attached details (foundations elsewhere measured)</td>
<td>m 116</td>
<td></td>
<td></td>
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</table>

- Gates, screens, etc.

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>14</td>
<td>Double gate size 5 000 x 1 800mm high overall, the outer frame of 50mm diameter x 2mm tubing, 120mm diameter x 2mm thick steel posts and stays, 50 x 50 x 2.5mm welded mesh welded to frame work, complete as per attached details with and including lock (foundations elsewhere measured)</td>
<td>No 3</td>
<td></td>
<td></td>
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</table>

### PRECAST CONCRETE FENCING

- "Technicrete" or equally approved by the Principal Agent, reinforced precast concrete palisade fence finished smooth on exposed surfaces, including preparation of ground

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
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<tbody>
<tr>
<td>15</td>
<td>Palisade fence 2.4m high above ground level over flat or sloping terrain with 140mm x 3 000mm long intermediate and end posts at 2m intervals founded in concrete bases, with 150 x 1 940mm long top and bottom horizontal beams with 95 x 2 370mm palings (eight pales per panel) bolted to rails at intersections, including stopping off bolt holes with cement mortar complete as per attached details (foundations elsewhere measured)</td>
<td>m 634</td>
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**Carried to Collection**

Bill No. 1

External Works
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

Bill No. 1  
External Works

**COLLECTION PAGE**

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Bill No. 1  
External Works

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CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

BILL NO. 13

PROVISIONAL SUMS

SUPPLEMENTARY PREAMBLES

General

Work for which budgetary allowances are provided will be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances.

Prime cost amounts and provisional sums are net. Prime cost amounts include for delivery to site of all articles concerned.

Provisional sums are for material and equipment supplied and installed complete by firms of specialists.

Profit

Where stated, the contractor may allow for profit if required.

General attendance on nominated/selected subcontractors

The item "Attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following:

1. The services as set out in clause B9.1 of the Preliminaries

2. Making good in all trades and cleaning down and removal of rubbish on completion.

Special attendance on nominated/selected subcontractors

Where stated special attendance will be described in detail in the Schedule for Variables in the Preliminaries for the services as set out in clause B9.2.

Builder's work

Builder's work in connection with specialist services is given elsewhere in these bills of quantities.

Carried to Collection

Bill No. 1
Guard house
### PRIME COST AMOUNTS

**Wendy House**

1. Provide the sum of R 20 000.00 (Twenty thousand rand) for supplying and installing a guard house to be used at the discretion of the Principal Agent with approval of the Department of Public Works, Road and Transport and be deducted in whole or in part if not required.

   Item: 20 000.00

2. Allow for attendance

3. Allow for profit

---

**Carried to Collection**

Bill No. 1

Guard house

R
CONSTRUCTION OF THE CONCRETE PALISADE FENCE AT THE NEW VUKUZAKHE SMALL CLINIC

<table>
<thead>
<tr>
<th>Bill No. 1</th>
<th>Guard house</th>
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**COLLECTION PAGE**

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</tr>
</tbody>
</table>

Total Brought Forward from Page No.

Total Brought Forward from Page No.

Bill No. 1
Guard house

Carried to Final Summary

R
## FINAL SUMMARY

<table>
<thead>
<tr>
<th>Page No</th>
<th>Amount R</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

1. **PRELIMINARIES**

2. **EXTERNAL WORKS**

3. **PROVISIONAL SUMS**

<table>
<thead>
<tr>
<th>Community Liaison Officer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allow provisional amount for the sum of R20 000 (Twenty Thousand Rands) the Community Liaison Officer should it be required, to be expended as directed by the DPWRT Representatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount R</th>
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<tbody>
<tr>
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<td>20 000 00</td>
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<table>
<thead>
<tr>
<th>Contingencies</th>
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<tbody>
<tr>
<td>Allow a 10% provision of the builders work for contingencies to be used at the approval of DPWRT and to be deducted in whole or in part if not required</td>
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<table>
<thead>
<tr>
<th>Item</th>
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<table>
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<tr>
<th>Subtotal</th>
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| ADD: Value added Tax at 14% |

<table>
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<tbody>
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