

**Parow Boundary Wall Construction Provisional Bill of Quantity - Annexure 6**

<b>Item No</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>SECTION NO.1</b> <b>BILL NO 1 PRELIMINARIES</b> <b>BUILDING AGREEMENT AND PRELIMINARIES</b>				
	The JBCC Series 2000 Minor Works Agreement (March 2014 edition 5.1) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described.				
	The ASAQS Preliminaries (2016 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Minor Works Agreement shall be deemed to be incorporated in these <b>bills of quantities</b> .				
	<b>Contractors</b> are referred to the abovementioned 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 <b>agreement</b> 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 abovementioned documents.				
	Where any item is not relevant to this specific <b>agreement</b> such item is marked N/A, signifying "not applicable".				
	<b>PREAMBLES FOR TRADES</b>				
	The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained.				
	Supplementary preambles are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles.				
	The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> must take account of and include for all the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles.				
	The Method of measuring and pricing is Standard System 6th Edition as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said Method will be entertained.				
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>MINOR WORKS AGREEMENT</b>				
	<b>1.0 INTERPRETATION</b>				
	1.1 Definitions A word or phrase in bold type in these <b>preliminaries</b> shall have the meaning assigned to it in the definitions listed in the <b>JBCC</b> Minor Works Agreement as the case may be. A word or phrase not in bold type shall be interpreted in the context of its usage.				
	Notwithstanding the above the definition of <b>agreement</b> is changed to the following in respect of the <b>JBCC</b> Minor Works Agreement				
	<b>AGREEMENT:</b> The <b>JBCC</b> Minor Works Agreement, the completed <b>JBCC MWA contract data</b> , the <b>contract drawings</b> , the <b>priced document</b> , and any other documents reduced to writing and signed by the <b>parties</b> .				
	These preliminaries are <i>mutatis mutandis</i> also applicable to the <b>JBCC N/S Subcontract Agreement</b> .		Item		
	<b>1.2 Interpretation</b>				
	1.2.1 In these <b>preliminaries</b> , unless inconsistent with the context, the words "accept, allow, appoint, approve, authorize, certify, decide, demand, designate, grant, instruct, issue, list, <b>notice</b> , notify, object, record, reduce, refuse, request, state" and their derivatives, require such acts to be in writing.				
	1.2.2 The masculine gender includes the feminine and neuter genders and <i>vice versa</i> , the singular includes the plural and <i>vice versa</i> and a person includes juristic or artificial persons.				
	1.2.3 The headings of clauses are for reference purposes only and shall not be used in interpretation.				
	1.2.4 Reference to a clause number written as [6.2.1] means that specific clause; clause [6.2.1-3] means the sub-clauses 1 to 3 inclusively; clause [6.2.1 & 3] means the subclauses 1 and 3 only.				
	1.2.5 Documents and legislation referred to in these <b>preliminaries</b> shall mean the current edition thereof with all amendments thereto at the date of submission of the tender unless otherwise stated.				
	1.2.6 The word "deemed" shall be conclusive that something is fact, regardless of the objective truth.				
	1.2.7 Clauses marked with an asterisk (*) are optional clauses or clauses requiring information relating to the specific project, selection, and details of which are to be included in the <b>preliminaries</b> schedule.		Item		
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>2.0 DOCUMENTS</b>				
	<b>2.1 Checking of documents</b>				
	The tenderer shall check the numbers of the pages of the tender documents, and should any be missing or duplicated, or the reproduction is indistinct, or if any doubt exists as to the intent or meaning of any description, or where the <b>contract documents</b> contain any obvious errors, the tenderer shall notify the <b>principal agent</b> forthwith thereof and the <b>principal agent</b> shall promptly give a written directive.		Item		
	<b>2.2 Provisional bills of quantities</b>				
	The quantities in provisional <b>bills of quantities</b> are an indication of the <b>works</b> to be executed and are subject to remeasurement.		Item		
	<b>2.3 Availability of construction information</b>				
	Where the <b>construction information</b> for the <b>works</b> is not complete and will only be completed during the <b>construction period</b> the <b>contractor</b> and <b>principal agent</b> shall work together to identify the requirements for the provision of <b>construction information</b> . The <b>contractor</b> and <b>principal agent</b> shall agree the dates that are reasonable by when the <b>contractor</b> is to be provided with each outstanding item of the <b>construction information</b> .				
	The <b>contractor</b> and <b>subcontractor</b> shall agree dates by when the <b>subcontractor</b> is to be provided with each item of the outstanding information in terms of the <b>program</b> .		Item		
	<b>2.4 Ordering of materials and goods</b>				
	Should the <b>contractor</b> use the quantities in the <b>priced document</b> for the ordering of <b>materials</b> and <b>goods</b> , the <b>contractor</b> does so at his own risk.		Item		
	<b>3.0 PREVIOUS WORK AND ADJOINING PROPERT</b>				
	<b>3.1 Previous work - dimensional accuracy</b>				
	In consecutive contracts the <b>contractor</b> shall, within a reasonable period after taking possession of the <b>site</b> , but not exceeding ten (10) per cent of the <b>construction period</b> or twenty (20) <b>working days</b> whichever is the lesser, check the existing levels, lines, profiles and the like affecting the <b>works</b> and satisfy himself as to the dimensional accuracy of work previously executed. The <b>contractor</b> shall forthwith notify the <b>principal agent</b> and request a <b>contract instruction</b> regarding any dimensional inaccuracy found in work previously executed.		Item		
	<b>3.2 Previous work - defects</b>				
	The <b>contractor</b> on becoming aware of a <b>defect</b> in work previously executed shall forthwith notify the <b>principal agent</b> and request a <b>contract instruction</b> regarding such a defect.		Item		
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>3.3 Inspection of adjoining properties</b>				
	Before commencing the <b>works</b> the <b>principal agent</b> and <b>contractor</b> shall arrange with the owners of adjacent buildings and properties and representatives of local authorities to inspect, amongst others, the buildings, structures, paving, kerbs, channels, and fences. The <b>contractor</b> shall record all conditions that the <b>works</b> could affect and copy the <b>principal agent</b> accordingly. The <b>contractor</b> shall pay particular attention to cracks, defects and existing levels related to structures, paving, kerbs, channels, and fences which later could be claimed to have been caused or disturbed by the <b>works</b> were instructed by the <b>principal agent</b> , levels and photographs shall be taken by the <b>contractor</b> and the cost thereof shall be for the <b>employer's</b> account. Certified copies shall be lodged with the <b>principal agent</b> .				
	<b>4.0 THE SITE</b>				
	<b>4.1 Defined works area</b>				
	Any restrictions to the area, including servitudes and the like, that the <b>contractor</b> may occupy are defined. The <b>contractor</b> shall not extend his operations beyond such a defined area.		Item		
	<b>4.2 Handover of site in stages</b>				
	Handover of the site to the <b>contractor</b> is to be done at once and not in stages.		Item		
	<b>4.3 Enclosure of the works</b>				
	The <b>contractor</b> shall erect, maintain, and remove at completion hoardings with gantries, fans, safety screens, barriers, access gates, covered gangways, and the like as necessary for the enclosure of the <b>works</b> and elements thereof, all for the protection of the public and others. Specific hoarding requirements are described in the <b>Bill of Quantities</b> .		Item		
	<b>4.4 Geotechnical investigation</b>				
	The results of a geotechnical investigation are given in the <b>preliminaries</b> schedule or issued with the <b>contract documents N/A</b> .		Item		
	<b>4.5 Encroachments</b>				
	The <b>contractor</b> shall notify the <b>principal agent</b> if any encroachments of adjoining buildings, structures, pavements, boundaries, services, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments.		Item		
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>4.6 Existing premises occupied.</b>				
	Existing premises will be in use and occupied during the execution of the <b>works</b> . The <b>contractor</b> shall execute the <b>works</b> as will least interfere with the general routine of the occupants of the premises and minimize any nuisance from dust, noise, or other causes <b>N/A</b> .		Item		
	<b>4.7 Services – known.</b>				
	All known existing services are described in the <b>preliminaries</b> schedule indicating whether such services are to be terminated, diverted, or continued in use either temporarily or permanently.		Item		
	<b>4.8 Protection of trees and/or relevant natural features</b>				
	Trees and/or relevant natural features shall not be removed, cut back, or disturbed in any way without the consent of the <b>principal agent</b> .		Item		
	<b>5.0 MANAGEMENT OF CONTRACT</b>				
	<b>5.1 Management of the works</b>				
	The <b>contractor</b> is responsible for the management of the sequence for carrying out of the <b>works</b> such that subsequent cutting or patching of finished work is avoided.		Item		
	<b>5.2 Progress meetings</b>				
	The <b>principal agent</b> and <b>contractor</b> shall hold meetings related to the progress of the works at regular intervals and at such other times as may be necessary. <b>Subcontractors</b> shall not be present at progress meetings unless specifically requested by the <b>contractor</b> or <b>principal agent</b> . The <b>principal agent</b> shall record and distribute the minutes of the meetings.		Item		
	<b>5.3 Technical meetings</b>				
	At the instance of the <b>principal agent</b> or the <b>contractor</b> meetings shall be held to deal with technical and <b>subcontractors'</b> coordination matters.		Item		
	<b>6.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS</b>				
	<b>6.1 Samples of materials</b>				
	The <b>contractor</b> shall furnish at his cost samples of materials and specimens of finishes as may be called for by the <b>principal agent</b> for his approval.		Item		
	<b>6.2 Workmanship samples</b>				
	The <b>principal agent</b> may instruct the contractor to furnish samples of workmanship for his approval. Where the <b>principal agent</b> requires an assembly of various elements of the building or installation which is not incorporated in the <b>works</b> , the <b>contractor</b> shall arrange such an assembly at the <b>employer's</b> expense. The <b>contract value</b> shall be adjusted accordingly.		Item		
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>6.3 Shop drawings</b>				
	Shop drawings are drawings, diagrams, designs, illustrations, schedules, performance charts, brochures, setting out drawings, shop details and other data which are prepared by the <b>contractor</b> , <b>subcontractor</b> , manufacturer, supplier, or distributor which illustrate manufacturing details and methods of execution of work. Only shop drawings and/or samples submitted for review shall be considered by the <b>principal agent</b> . The <b>principal agent's</b> approval of shop drawings and/or samples shall be limited to checking for general conformity with design and specification and shall not alter the design responsibilities in terms of the agreement. The <b>principal agent</b> may refer shop drawings and/or samples to the relevant <b>agent</b> for approval. Where shop drawings are called for:				
	6.3.1 The <b>contractor</b> shall · Prepare or ensure that a <b>subcontractor</b> , manufacturer, supplier, or distributor prepares shop drawings at their own expense. · Submit sufficient copies of shop drawings to the <b>principal agent</b> for approval · Allow the <b>principal agent</b> reasonable time to approve shop drawings. · Keep a record of all shop drawings submitted to the <b>principal agent</b> . · Ensure that shop drawings conform to the dimensions of built work. · Submit sufficient copies of the approved shop drawings to the <b>principal agent</b> for his use and for use in the <b>works</b> . · Ensure that work is not executed from shop drawings that have not been approved by the <b>principal agent</b> .  · Not be entitled to payment for <b>materials and goods</b> (for example steel roof truss components such as gussets, connection plates and the like) of which shop drawings may have been approved by the <b>principal agent</b> and/or the relevant <b>agent</b> but which are more than the design parameters stipulated by the relevant <b>agent</b> . Payment shall be based on the design parameters stipulated by the relevant <b>agent</b> .				
	6.3.2 The <b>principal agent</b> shall: · Check timeously the shop drawings submitted by the <b>contractor</b> .  · Advise the <b>contractor</b> where shop drawings are approved or are to be resubmitted.			Item	
	<b>6.4 Compliance with manufacturer's instructions</b> The <b>contractor</b> shall take delivery of, handle, store, use, apply and fix all products in strict accordance with the manufacturer's instructions.			Item	
	<b>7.0 DEPOSITS AND FEES</b>				
	<b>7.1 Deposits and fees</b> The <b>contractor</b> shall arrange for and pay all deposits, fees, and charges according to <b>law</b> , regulation or by law of any local or other authorities that relate to hoardings, the use of pavements, street encroachment or crossings, permission for the suspension of parking facilities and the like.			Item	
	<b>8.0 TEMPORARY SERVICES</b>				
	<b>8.1 Water</b> The <b>employer</b> does not warrant that any water supply that may exist is adequate for the proper execution of the <b>works</b> . Where such supply is inadequate, the <b>contractor</b> shall provide an adequate supply at his own expense. Water for the <b>works</b> , as stated in the <b>preliminaries</b> schedule, shall be provided by:				
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	8.1.1 <b>Option A</b> - The <b>contractor</b> including necessary temporary plumbing.		Item		
	8.1.2 <b>Option B</b> - By the <b>employer</b> free of charge.		Item		
	8.1.3 <b>Option C</b> - By the <b>employer</b> metered.		Item		
	<b>8.2 Electricity</b>				
	The employer does not warrant that any electricity supply that may exist is adequate for the proper execution of the <b>works</b> . Where such supply is inadequate, the contractor shall provide an adequate supply at his own expense. Electricity for the works, as stated in the <b>preliminaries</b> schedule, shall be provided by:				
	8.2.1 <b>Option A</b> - The <b>contractor</b> including necessary temporary installation work.		Item		
	8.2.2 <b>Option B</b> - By the <b>employer</b> free of charge.		Item		
	8.2.3 <b>Option C</b> - By the <b>employer</b> metered.		Item		
	<b>8.3 Ablution and welfare facilities</b>				
	Ablution and welfare facilities, as stated in the <b>preliminaries</b> schedule, shall be provided for the use of all persons on the <b>site</b> by:				
	8.3.1 <b>Option A</b> - The <b>contractor</b> including necessary temporary installation work. The <b>contractor</b> shall maintain such facilities in a thoroughly clean and tidy condition and make good any damage thereto at his own expense.		Item		
	8.3.2 <b>Option B</b> - The <b>employer</b> shall provide the ablution and welfare facilities free of charge. The <b>contractor</b> shall maintain such facilities in a thoroughly clean and tidy condition and make good any damage thereto at his own expense.		Item		
	<b>8.4 Communication facilities</b>				
	Communication facilities, as stated in the <b>preliminaries</b> schedule, shall be provided by the <b>contractor</b> who shall be entitled to recover usage costs from the users thereof.		Item		
	<b>9.0 PRIME COST AMOUNTS</b>				
	<b>9.1 Responsibility for prime cost amounts</b>				
	All <b>prime cost amounts</b> are for <b>materials</b> and <b>goods</b> delivered to the <b>site</b> . The <b>priced document</b> shall make provision for the <b>contractor</b> to separately price for overheads and profit and for taking delivery, unloading, checking against invoices and/or delivery notes, getting in, unpacking, storing, hoisting, and fixing of such <b>materials</b> and <b>goods</b> . The <b>contractor</b> shall check the quantity and condition of all <b>materials</b> and <b>goods</b> on taking delivery as any materials and goods subsequently found missing or damaged shall be replaced at the <b>contractor's</b> expense.		Item		
	<b>10.0 ATTENDANCE ON SUBCONTRACTORS</b>				
	<b>10.1 General attendance</b>				
	General attendance is defined as being the duties of the <b>contractor</b> as described in clause 12.2 of the <b>JBCC N/S Subcontract Agreement</b> .		Item		
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>10.2 Special attendance</b>				
	The <b>priced document</b> shall make provision for the <b>contractor</b> to separately price for special attendance on each <b>subcontractor</b> . Special attendance such as unloading, storing, placing in position, providing special power supplies, specific hoisting, cramage and scaffolding requirements, provision of temporary casing and/or other specific protection of the <b>works</b> , special security and clearing away rubbish are described in detail in the <b>contract</b> documents.		Item		
	<b>11.0 GENERAL</b>				
	<b>11.1 Protection of the works</b>				
	Specific protection requirements are to be described.		Item		
	<b>11.2 Protection/isolation of existing/sectionally occupied works</b>				
	The <b>contractor</b> shall provide all reasonable temporary measures to protect/isolate the existing and/or sections of the occupied <b>works</b> and remove such measures on completion.		Item		
	<b>11.3 Security of the works</b>				
	The <b>contractor</b> shall take all appropriate measures for general security of the <b>works</b> .		Item		
	<b>11.4 Notice before covering work.</b>				
	The <b>contractor</b> shall give adequate notice to the <b>principal agent</b> whenever any work or material which is subject to inspection or remeasurement is to be covered or concealed in any way. In default of such a notice being received timeously by the principal agent such work shall be exposed and later made good at the <b>contractor's</b> expense.		Item		
	<b>11.5 Disturbance</b>				
	The <b>contractor</b> shall execute the <b>works</b> with a minimum of disturbance to adjoining premises, any parts of the <b>works</b> already handed over and the occupants of those premises and/or parts.		Item		
	<b>11.6 Environmental disturbance</b>				
	The <b>contractor</b> shall execute the <b>works</b> without any unreasonable adverse effect on the environment.		Item		
	<b>11.7 Works cleaning and clearing</b>				
	The <b>contractor</b> shall regularly clean and clear away all rubbish and excess materials as the <b>works</b> proceed and leave the <b>works</b> in a clean and satisfactory state for use and occupation in terms of the <b>agreement</b> .		Item		
	<b>11.8 Vermin</b>				
	The <b>contractor</b> shall take all necessary precautions to keep the <b>works</b> and the <b>site</b> free from vermin and shall leave the <b>works</b> vermin-free on completion.		Item		
	<b>11.9 Overhand work</b>				
	No provision has been made for overhand work. Where necessary, the <b>contractor</b> shall make his own arrangements with the owners of adjoining properties to execute such work.		Item		
	<b>11.10 Tenant installations by direct contractors</b>				
	On <b>practical completion</b> of a <b>section</b> of the <b>works</b> and where the <b>principal agent</b> instructs that tenant installation work is to be executed by <b>direct contractors</b> , then:				
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				



	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	11.10.1 The <b>contractor</b> shall allow reasonable access.				
	11.10.2 The <b>contractor</b> shall not receive any mark-up for overheads and profit on any omissions in this regard. Claims for loss of profit shall not be entertained.				
	11.10.3 The <b>principal agent</b> shall carry out an inspection of such areas where tenant installation work is to be executed and record the state of completion and prepare a list of <b>defects</b> pertaining to such areas.				
	<b>11.11 Advertising</b> All advertising rights on the <b>site</b> and the hoardings are reserved exclusively for the employer.		Item		
	<b>12.0 PRELIMINARIES SCHEDULE</b>  The <b>preliminaries</b> schedule contains all pre-tender variables referred to in this document and must be completed in full and included in the tender documents. Spaces requiring information must be filled in or shown as "not applicable" and not left blank. Key cross reference clauses are italicized in [ ] brackets.				
	<b>12.1 Provisional bills of quantities</b> [2.2] The quantities are provisional (yes)				
	<b>12.2 Availability of construction information</b> [2.3] Construction documentation is complete (yes)				
	<b>12.3 Previous work – dimensional accuracy</b> [3.7] Details (Nil)				
	<b>12.4 Previous work – defects</b> [3.2] Details (Nil)				
	<b>12.5 Inspection of adjoining properties</b> [3.3] Specific requirements (Nil)				
	<b>12.6 Defined works area</b> [4.1] Details (Refer to tender specification)				
	<b>12.7 Handover of site in stages</b> [4.2] Specific requirements (No)		Item		
	<b>12.8 Enclosure of the works</b> [4.3] Specific requirements (Yes, as per regulation)		Item		
	<b>12.9 Geotechnical investigation</b> [4.4] Details (Nil)				
	<b>12.10 Existing premises occupied.</b> [4.7] Specific requirements (Yes)				
	<b>12.11 Services - known.</b> [4.7] Details (Yes) Existing sewage lines and water storm lines				
	<b>12.12 Protection of trees and/or relevant natural features</b> [4.8] Specific requirements (Nil)				
	Carried to Forward				R0,00
	Bill No 1 Preliminaries				

	Brought Forward				R0,00
	Bill No 1 Preliminaries				
	<b>12.13 Water</b>				
	[8.1] Option A (by <b>contractor</b> ) (yes)				
	Option B (by <b>employer</b> – free of charge) (no)				
	Option C (by employer - metered) (/no)		Item		
	<b>12.14 Electricity</b>				
	[8.2] Option A (by <b>contractor</b> ) (yes)				
	Option B (by <b>employer</b> – free of charge) (no)				
	Option C (by <b>employer</b> - metered) (no)		Item		
	<b>12.15 Ablution and welfare facilities</b>				
	[8.3] Option A (by <b>contractor</b> ) (YES)				
	Option B (by <b>employer</b> ) (NO)		Item		
	<b>12.16 Communication facilities</b>				
	[8.4] Specific requirements		Item		
	<b>12.17 Protection of the works</b>				
	[11.1] Specific requirements as per regulation		Item		
	<b>12.18 Protection/isolation of existing/sectionally occupied works</b>				
	[11.2] Protection is required (Yes)		Item		
	<b>12.19 Disturbance</b>				
	[11.5] Specific requirements		Item		
	<b>12.20 Environmental disturbance</b>				
	[11.6] Specific requirements		Item		
	<b>13.OCCUPATIONAL HEALTH AND SAFETY</b>				
	Occupational Health and Safety Act 1993:				
	The contractor's attention is drawn to the provisions of the Construction Regulations, 2014 issued in terms of the Occupational Health and Safety Act, 1993 in which 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. The employer reserves the right to pay direct (i.e., not through the contractor) for all or any permanent connections to local or other authority services, for which provisional amounts have been included within the selected sub-contract bill / section hereof. In the event of the employer paying direct for these charges, the contractor will not be entitled to a mark up. All such provisional amounts included in the contract sum will be omitted."				
	F: ..... V: ..... T: .....		Item		
	Carried to Summary				R0,00
	Bill No 1 Preliminaries				

<b>Item No</b>	<b>SECTION NO.2</b> <b>BILL NO 1 BOUNDARY WALLS ,ETC</b>				
	<b>SUPPLEMENTARY PREAMBLES</b>				
	<b>Carting away of excavated material</b>				
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stockpiles situated on the building site.				
	<b>EXCAVATION, ETC</b>				
	<b>Excavation in earth not exceeding 2m deep</b>				
1	Trenches	m3	250		
	<b>Extra over bulk excavation in earth for excavation in</b>				
2	Soft rock	m3	30		
3	Hard rock	m3	40		
	<b>Extra over all excavations for carting away</b>				
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3/km	150		
	<b>Risk of collapse of excavations</b>				
5	Sides of trench and hole excavations not exceeding 1,5m deep	m2	660		
	<b>Keeping excavations free of water</b>				
6	Keeping excavations free of all water other than subterranean water		Item		
	<b>FILLING, ETC</b>				
	<b>Selected earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</b>				
7	Trenches	m3	110		
	<b>TESTS, ETC.</b>				
	<b>Prescribed density tests on filling</b>				
8	"Modified AASHTO Density" test	No	10		
	<b>REINFORCED CONCRETE</b>				
	<b>25MPa/19mm Concrete</b>				
9	Strip footings	m3	100		
	<b>TEST BLOCKS</b>				
10	Making concrete strength test cubes size 150 x 150 x 150mm, sending them to an approved independent testing laboratory for testing and paying all charges in connection therewith. Only successful tests will be paid for.	No	16		
	<b>REINFORCEMENT</b>				
	<b>High tensile steel reinforcement</b>				
11	Varying diameters	t	10		
	<b>BRICKWORK</b>				
	<b>FOUNDATIONS</b>				
	<b>Brickwork of NFX bricks (14MPa nominal compressive strength) in class I mortar</b>				
12	230mm Brick walls in foundations	m2	210		
	Carried to Forward				R0,00
	Bill No 1 Boundary walls etc.				

	Brought Forward				R0,00
	Bill No 1 Boundary walls etc.				
	<b><u>SUPERSTRUCTURE</u></b>				
	<b><u>FACE BRICKWORK</u></b>				
	<b><u>Face bricks on both sides pointed with recessed horizontal and vertical joints</u></b>				
13	Double brick Walls	m2	1530		
14	Brick wall piers	m3	75		
	<b><u>Brick-on-edge header course copings, sills, etc. of face bricks, pointed with flush joints on all exposed faces.</u></b>				
15	230mm Copings on tops of face brick walls,	m	411		
	<b><u>BRICK REINFORCEMENT</u></b>				
16	150mm Wide reinforcement built in horizontally.	m	4500		
	<b><u>BRICKWORK SUNDRIES</u></b>				
	<b><u>Joint forming material in movement joints</u></b>				
17	10mm Construction joint built in vertically through retaining walls (Provisional)	m2	400		
	<b><u>Weep Pipes</u></b>				
18	50mm diameter Upvc pipe 300mm long cast into concrete wall as work proceeds, with splay on exposed end.	No	8		
	<b><u>PLASTERING</u></b>				
	<b><u>EXTERNAL PLASTER</u></b>				
19	<b><u>Two coat special plaster on brickwork</u></b> On brick piers	m2	400		
	<b><u>STEELWORK</u></b>				
20	<b><u>Steel Sliding Gate</u></b> Motorised steel sliding gate 5000 x 2400mm high by specialist with purpose made floating name/number light box and purpose made fixed fins including motor and track	No	1		
21	<b><u>Locks, Etc</u></b> Union 3122 heavy duty padlock	No	1		
	<b><u>Electrical Fencing</u></b>				
22	Electric security fencing fixed on top of boundary wall complete	m	450		
	Carried to Summary				R0,00
	Bill No 1 Boundary walls etc.				

	<b>BILL NO. 2</b>				
	<b>PROVISIONAL SUMS</b>				
	<b>PREAMBLES</b>				
	For Preambles refer to" Department of Public Works: Specification Of Materials and Methods to Be Used - PW371"				
	<b>SUPPLEMENTARY PREAMBLES</b>				
	<b>Preambles</b>				
	The Standard Preambles and the Notes in the various trade bills are to, and do, apply equally to this section.				
	<b>Proprietary Products In Descriptions</b>				
	Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.				
	<b>BUDGETARY AMOUNTS</b>				
	<b>The Following Budgetary Amounts Are For Work To Be Carried Out By The Main Contractor, Nominated, Selected or Direct Contractors:</b>				
23	Provide the amount of R180 000,00 for electric fence. The electric fence would be 450m. The contractor to source out three quotations from electric fence service providers from with selection or nomination would be made from.		Sum		R180 000,00
24	Provide the amount of R100 000,00 for electrical power supply. The contractor to source out three quotations from electrical service providers from with selection or nomination would be made from.		Sum		R100 000,00
	<b>The Following Budgetary Amounts Are For Work Coordination by the Registred Civil Engineer Nominated or Selected.</b>				
25	Provide the Sum of R800 000,00 for Contingencies to be deducted in part or all if not required.		Sum		R800 000,00
	Carried to Summary				R1 080 000,00

**Final Summary**

<b>Bill No</b>	<b>Description</b>	<b>Unit</b>	<b>Page No</b>	<b>Rate</b>	<b>Amount</b>
	<b>Section No. 1</b>				
1	Bill No 1 Preliminaries		10		R0,00
	<b>Section No. 2</b>				
1	Bill No 1 Boundary wall etc		12		R0,00
2	Bill No 2 Provisional sums		13		R1 080 000,00
	Sub-Total Amount				<b>R1 080 000,00</b>
	Contingencies amount		10%		R108 000,00
	<b>Sub-Total Amount (with Contingencies) Excluding Vat</b>				<b>R1 188 000,00</b>
	<b>Vat at Rate</b>		<b>15%</b>		<b>R178 200,00</b>
	<b>Total Amount Including Vat.</b>				
	<b>Total amount carried to form of offer and acceptance</b>				<b>R1 366 200,00</b>