

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>SECTION NO. 0 : Single Section</b>					
		<b>BILL NO.1 : PRELIMINARIES</b>					
0		PRELIMINARIES					
0		Disclaimer While the ASAQs aims to ensure that its publications represent best practice, the ASAQs does not accept or assume any liability or responsibility for any events or consequences which derive from the use of the Preliminaries Master Bill. Such Master Bill is not exhaustive and is therefore only intended to provide general guidance to those who wish to make use of it. This publication is provided 'as is' without warranty of any kind, either expressed or implied including but without limitation to warranties of merchantability, fitness for a particular purpose and non-infringement User note: Delete the above Disclaimer when preparing this Bill No 1 for tender or contract purposes. Hereinafter edit all text, etc but even more specifically text within ?...? to ensure that such text applies to the specific project or contract					
0		BUILDING AGREEMENT AND PRELIMINARIES					
0		The JBCC Principal Building Agreement (March 2018 Edition 6.2) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described					
0		The JBCC Principal Building Agreement contract data form an integral part of this agreement					
0		The Preliminaries Revision 1 (February 2016) published by the Association of South African Quantity Surveyors for use with the JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described					
0		The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause					
0		The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only.					
0		Where any item is not relevant to this agreement such item is marked N/A (signifying not applicable)					

0		<p>USER NOTE A provision/clause in Edition 6.1 of the JBCC Principal Building Agreement may have unintended consequences. The following is relevant: 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". Below the abovementioned space the following note has been inserted: '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' 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: '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' shall not apply . 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</p>					
0		<p>The following paragraph should in addition be inserted ? 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>					
0		PREAMBLES FOR TRADES					
0		<p>USER NOTE 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 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</p>					
0		<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>					
0		<p>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</p>					

0		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					
0		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					
0		STRUCTURE OF THIS PRELIMINARIES BILL					
0		Section A : A recital of the headings of the individual clauses of the aforementioned JBCC Principal Building Agreement					
0		Section B : A recital of the headings of the individual clauses of the aforementioned Preliminaries document					
0		Section C : Any special clauses to meet the particular circumstances of the project					
0		PRICING OF PRELIMINARIES					
0		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)					
0		SECTION A: PRINCIPAL BUILDING AGREEMENT					
0		Interpretation (A1 - A7)					
0		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 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 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 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 Abbreviated descriptions 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	Item		R	-	

0		<p>Clause 2.0 - Law, regulations and notices User note Insert the following where a health and safety specification is NOT yet available ?Health and safety 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] ? User note Insert the following where a health and safety specification IS available ?Health and safety 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] ? The contractor shall: 1. Comply</p>	Item			R	-	
0		Clause 3.0 - Offer and acceptance	Item			R	-	
0		Clause 4.0 - Assignment and cession	Item			R	-	
0		<p>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) User note 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 Insert the following where only a few contract drawings are applicable ?Contract drawings The contract drawings are as listed on the contents page of the bills of quantities [5.1] ? Insert the following where numerous contract drawings are applicable ?Contract drawings Refer to Annexure ? for a list of the contract drawings [5.1] ? Priced document as specification Clause 5.3 is deemed to be deleted 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 User note Insert the following where applicable ?Electronic issue of drawings All drawings for this project will be issued electronically and the contractor shall be deemed to have received such drawings on the date that such drawings have been dispatched electronically [5.5] Precedence Clause 5.6 is deemed to be deleted. The provisions of the Bill No. 1 (Preliminaries) shall take precedence over any other documents which constitute this agreement [5.6]</p>	Item			R	-	

0		<p>Clause 6.0 - Employer's agents ? Delegated authority  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 [7.2]: ? User Note Add delegated authority as may be required for other relevant consultants not listed hereinafter ? 1. Architect User Note Insert the following but remove where the consultant is not relevant to this agreement. Edit both the duties and the contract instructions of the consultant in keeping with the wishes of the principal agent Note that the contract instructions hereinafter are those listed in clause 17.0 of the JBCC PBA 1.1 Duties : The architect is responsible for the architectural design, functional design and quality inspection of the works 1.2 Contract instructions [17.0] : 1.2.1 Rectification of discrepancies, errors in descriptions or omissions in contract documents other than this agreement 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 1.2.3 The site [13.2.4] 1.2.4 Compliance with the law , regulations and bylaws [2.1] 1.2.5 Provision and testing of samples of materials and goods , of finishes and assemblies of elements of the works 1.2.6 Opening up of work for inspection, removal or re-execution 1.2.7 Removal or re-execution of work 1.2.8 Removal or substitution of any materials and goods 1.2.9 Protection of the works 1.2.10 Making good physical loss and repairing damage to the works [8.0] 1.2.11 Rectification of defects [21.2] 1.2.12 A list for practical completion specifying outstanding or defective work to be rectified to achieve practical</p>	Item			R	-	
0		Clause 7.0 - Design responsibility	Item			R	-	
0		Insurance and security (A8 - A11)						
0		Clause 8.0 - Works risk	Item			R	-	
0		Clause 9.0 - Indemnities	Item			R	-	
0		Clause 10.0 - Insurances	Item			R	-	
0		<p>Clause 11.0 - Security User note If it is deemed advisable, the EXTENT of any security for payment may be stated as follows: ?Security for payment The employer shall provide to the contractor security for payment in the amount of ? ..... Rand (R ..... ) ? [11.4.1, 11.10] ? User note 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: ? Extension of waiver of lien 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] ? Errata by JBCC Clause 11.5 Replace "ten (10)" with "five (5)"</p>	Item			R	-	
0		Execution (A12 - A17)						

0		Clause 12.0 - Duties of the parties Provisions of clauses 12.1.2 to 12.1.6 and 12.2.18 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 ? Office accommodation 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] ? ? Notice board 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] ? User note 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 Should access to water,	Item			R	-	
0		Clause 13.0 - Setting out	Item			R	-	
0		Clause 14.0 - Nominated subcontractors Errata by JBCC Clause 14.1.4 Reference should read "[17.1.14]" Clause 14.6 Reference should read "[17.1.15; 27.1.8]" Clause 14.7.2 Reference should read "[27.1.8]" Clause 14.7.3 Reference should read "[27.2.8]"	Item			R	-	
0		Clause 15.0 - Selected subcontractors Errata by JBCC Clause 15.2 Reference should read "[17.1.14]" Clause 15.7.2 Reference should read "[27.1.8]" Clause 15.7.3 Reference should read "[27.2.8]"	Item			R	-	
0		Clause 16.0 - Direct contractors Attendance on direct contractors In respect of direct contractors the contractor shall: 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 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]"	Item			R	-	
0		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]"	Item			R	-	
0		Completion (A18 - A24)						
0		Clause 18.0 - Interim completion	Item			R	-	
0		Clause 19.0 - Practical completion User note List with a suitable heading in bold any special requirements for practical completion here. Reference as [19.3.1]	Item			R	-	

0		Clause 20.0 - Sectional completion User note 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] Errata by JBCC Clause 20.2.2 Reference should read "[21.6.2]"	Item			R	-	
0		Clause 21.0 - Defects liability period and final completion Errata by JBCC Clause 21.1 Delete the word "final" in the second last line Reference should read "[21.6.1]" Clause 21.9 Reference should read "[21.4 ; 21.6.1]"	Item			R	-	
0		Clause 22.0 - Latent defects liability period	Item			R	-	
0		Clause 23.0 - Revision of date for practical completion Substitution of materials and goods 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] Errata by JBCC Clause 23.2 Reference should read "[26.7]" Clause 23.2.1 Reference should read "[12.1.7]"	Item			R	-	
0		Clause 24.0 - Penalty for late or non-completion	Item			R	-	
0		Payment (A25 - A27)						
0		Clause 25.0 - Payment Materials and goods prematurely on site Materials and goods brought onto the site prematurely shall not be authorised for payment [25.3.2] User note Insert ONE of the following two clauses ? Materials and goods stored off site Materials and goods stored off site shall not be authorised for payment [25.3.2] ? Materials and goods stored off site 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] ? Fluctuations in costs 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] ? Prices submitted 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 Errata by JBCC 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	Item			R	-	

0		<p>Clause 26.0 - Adjustment of the contract value and final account User note Insert the following where tenant installations/users requirements may be delayed or omitted ? Tenant installations/users requirements delayed 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 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 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 ? Cost of claims 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 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] Errata by JBCC Clause 26.4.2 Omit the entire clause and renumber thereafter New clause 26.4.3 "Other proven or unavoidable costs"</p>	Item			R	-	
0		Clause 27.0 - Recovery of expense and/or loss	Item			R	-	
0		Suspension and termination (A28 - A29)						
0		<p>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</p>	Item			R	-	
0		<p>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]"</p>	Item			R	-	
0		Dispute resolution (A30)						
0		Clause 30.0 - Dispute resolution	Item			R	-	
0		<p>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</p>	Item			R	-	

0		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] User note Where removal of lateral support insurance is required and stated as such in the contract data for the employer to insure, it is to be noted that it may appear under "no" for the employer to insure where the contractor is to take out the other insurances. In such a case the following clause is to be inserted 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	Item			R	-	
0		SECTION B: PRELIMINARIES						
0		Interpretation (B1)						
0		Clause 1.1 - Definitions	Item			R	-	
0		Clause 1.2 - Interpretation	Item			R	-	
0		Documents (B2)						
0		Clause 2.1 - Checking of documents	Item			R	-	
0		Clause 2.2 - Provisional bills of quantities User Note Check 'wet trades' included in the bills of quantities and edit the following clause as may be necessary ? Multiple procurement 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 ?	Item			R	-	
0		Clause 2.3 - Availability of construction information ? Budgetary allowances and provisional sums 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 ?	Item			R	-	
0		Clause 2.4 - Ordering of materials and goods	Item			R	-	
0		Previous work and adjoining properties (B3)						
0		Clause 3.1 - Previous work - dimensional accuracy	Item			R	-	
0		Clause 3.2 - Previous work - defects	Item			R	-	
0		Clause 3.3 - Inspection of adjoining properties	Item			R	-	
0		The Site (B4)						
0		Clause 4.1 - Defined works area	Item			R	-	
0		Clause 4.2 - Handover of site in stages	Item			R	-	
0		Clause 4.3 - Enclosure of the works	Item			R	-	

0		Clause 4.4 - Geotechnical investigation	Item		R	-	
0		Clause 4.5 - Encroachments	Item		R	-	
0		Clause 4.6 - Existing premises occupied	Item		R	-	
0		Clause 4.7 - Services - known	Item		R	-	
0		Clause 4.8 - Protection of trees and/or relevant natural features	Item		R	-	
0		Management of Contract (B5)					
0		Clause 5.1 - Management of the works	Item		R	-	
0		Clause 5.2 - Progress meetings	Item		R	-	
0		Clause 5.3 - Technical meetings	Item		R	-	
0		Samples, shop drawings and manufacturer's instructions (B6)					
0		Clause 6.1 - Samples of materials	Item		R	-	
0		Clause 6.2 - Workmanship samples	Item		R	-	
0		Clause 6.3 - Shop drawings	Item		R	-	
0		Clause 6.4 - Compliance with manufacturer's instructions	Item		R	-	
0		Deposits and fees (B7)					
0		Clause 7.1 - Deposits and fees	Item		R	-	
0		Temporary services (B8)					
0		Clause 8.1 - Water	Item		R	-	
0		Clause 8.2 - Electricity	Item		R	-	
0		Clause 8.3 - Ablution and welfare facilities	Item		R	-	
0		Clause 8.4 - Communication facilities	Item		R	-	
0		Prime cost amounts (B9)					
0		Clause 9.1 - Responsibility for prime cost amounts User note Where details of materials included in prime cost amounts are NOT readily available 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 Where details of materials for which prime cost amounts are to be allowed ARE readily available, the quantity surveyor may elect to insert the relevant prime cost amount in measured items, which measured items shall contain sufficient detail for the contractor to price for fixing and installation, waste, etc	Item		R	-	
0		Attendance on subcontractors (B10)					
0		Clause 10.1 - General attendance User note General attendance is defined as being the duties of the contractor in terms of clause 12.2 of the JBCC n/s subcontract agreement	Item		R	-	

0		Clause 10.2 - Special attendance User note Insert details after the provisional sums (nominated or selected subcontract amount) for any special attendance where specifically required for each subcontractor separately 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 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	Item		R	-	
0		General (B11)					
0		Clause 11.1 - Protection of the works	Item		R	-	
0		Clause 11.2 - Protection/isolation of existing/sectionally occupied works	Item		R	-	
0		Clause 11.3 - Security of the works	Item		R	-	
0		Clause 11.4 - Notice before covering work	Item		R	-	
0		Clause 11.5 - Disturbance	Item		R	-	
0		Clause 11.6 - Environmental disturbance	Item		R	-	
0		Clause 11.7 - Works cleaning and clearing	Item		R	-	
0		Clause 11.8 - Vermin	Item		R	-	
0		Clause 11.9 - Overhand work	Item		R	-	
0		Clause 11.10 - Tenant installations by direct contractors	Item		R	-	
0		Clause 11.11 - Advertising	Item		R	-	
0		Preliminaries Schedule (B12)					
0		Information for completion of 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] User Note Describe the restrictions to the site or areas that the contractor may not occupy. Reference as [PBA 12.1.4] 12.7 - Handover of site in stages [4.2] User note Describe in detail where handover of the site to the contractor is done in stages 12.8 - Enclosure of the works [4.3] 12.9 - Geotechnical investigation [4.4] User note Insert the following clause should a geotechnical investigation report be available and insert the following annexure ? Refer to Annexure ? For the results of a geotechnical investigation report ? 12.10 Existing premises occupied [4.6] User note If the existing premises are occupied state it here and describe the detail and/or specific requirements. Reference as [PBA 12.1.2] 12.11 - Services - known [4.7] User note Insert details should the contractor be responsible for the preservation of known services. Reference as [PBA 12.1.3] 12.12 - Protection of trees and/or relevant natural features [4.8] User note Expand clause 4.8 of	Item		R	-	
0		SECTION C: SPECIFIC PRELIMINARIES					

0		User note Users shall avoid inserting in Section C items which may be construed as amending, modifying, correcting or supplementing the provisions of the JBCC Principal Building Agreement. Such amendments, modifications, corrections or supplements should be kept to the absolute minimum and should be inserted in the space provided in the contract data or in a single referenced annexure as stipulated in the contract data or, when taking into account the methodology suggested in the user note on page 2 of this Bill No. 1, should be inserted in Section A under the recited clause headings of the JBCC Principal Building Agreement in this Bill No. 1					
0		User note : Selected examples of typical clauses are provided to indicate ways of describing such clauses. Users must delete, adapt or add to these examples to suit their particular circumstances					
0		Specific Preliminaries					
0		Warranties for materials and workmanship 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. The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of final 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. 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	Item			R	-
0		Overtime Should overtime be required to be worked for any reason whatsoever, the costs of such overtime is 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	Item			R	-
0		Co-operation of the contractor for cost management 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 final building cost does not exceed the budget	Item			R	-
0		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	Item			R	-
0		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	Item			R	-

0		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 'ponde 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	Item			R	-	
0		Green star building certification User note Insert the provisions called for by the relevant green star consultant should it be a requirement that the project be submitted for green star certification	Item			R	-	
0		Broad based black economic empowerment (BBBEE) Tenders submitted will be evaluated taking into account their empowerment rating The employer will be monitoring the black economic empowerment status of the contractor throughout the execution of the works 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	Item			R	-	
0		Advertising rights 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 the meeting of his obligations under this agreement	Item			R	-	
0		Confidentiality 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 No information regarding this project shall be published or disclosed without the prior written consent of the employer	Item			R	-	
0		Media releases 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 The contractor together with his subcontractors shall not, without the prior written consent of the employer, cause any statement or advertisement to be printed, screened or aired by the media	Item			R	-	
0		SUMMARY OF CATEGORIES						
0		Category : Fixed R..... Category : Value R..... Category : Time R.....						
		<b>Bill Total</b>					<b>R</b>	<b>-</b>

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>BILL NO.2 : ALTERATIONS</b>					
0		SUPPLEMENTARY PREAMBLES					
0		User note					
0		Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions					
0		Take note that these Model Bills of Quantities utilise abbreviated descriptions					
0		The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards . Where such model preambles are not applicable none (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 applicable measuring system , represents the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications					
0		Consider inserting the preambles hereunder when using the abovementioned Model Preambles for Trades 2008					
0		View site					
0		Before submitting his tender the tenderer shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained					
0		Explosives					
0		No explosives whatsoever may be used for alteration purposes unless otherwise stated					
0		General					
0		The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He shall provide proper protection and provide , erect and remove when directed , any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent					
0		Doors, fanlights, windows, fittings, frames, linings, etc which are to remain the property of the employer shall be carefully taken out, temporarily stored, transported over a distance of approximately ?km to store and handed over to the employer					
0		Doors, fanlights, windows, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described . Re-painting or re-varnishing is given separately					
0		Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc					
0		Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc					

0		With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork					
0		Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary					
0		The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc.)					
0		TEMPORARY WORKS AND MAINTANANCE					
0	1	Taking down the exting fence including removal of timber poles and store in a secure place and handing it over to the client after the completion of the project.	m	75,00	R	-	R -
0	2	Making good to existing vehicle gate opening and install new heavy-duty fusion bonded epoxy fence for coastal applications, fusion bonded thermoset polymer coating type, electrostatically sprayed and oven cured vehicle gate measuring 5000mmx2400mm high , gate as per the manufacture's instruction and specifications including lcoks etc	No	1,00	R	-	R -
0	3	Repairing to the damged poles and fence as indicated on the drawings	item	1,00	R	-	R -
		<b>Bill Total</b>					<b>R -</b>

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>BILL NO.3 : EARTHWORKS</b>					
0		EARTHWORKS (PROVISIONAL)					
0		User note Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions Take note that these Model Bills of Quantities utilise abbreviated descriptions The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards . Where such model preambles are not applicable none (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 applicable measuring system , represents the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications Consider inserting the preambles hereunder when using the abovementioned Model Preambles for Trades 2008					
0		Nature of ground					
0		The following are typical examples of descriptions of nature of ground					
0		The nature of the ground is assumed to be loose sandy material, therefore earth, but possibly interspersed with soft rock or hard rock					
0		The nature of the ground is assumed to be gravel, therefore earth, but possibly interspersed with soft rock or hard rock					
0		The nature of the ground is assumed to be silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as earth, but possibly interspersed with hard rock					
0		Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore earth					
0		A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities . The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as earth. All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as hard rock					
0		User note The following are typical examples of descriptions of subterranean water					
0		Subterranean water					
0		No subterranean water is expected The water table is expected to vary between approximately ?m and ? m below natural ground level . The removal of subterranean water is given separately					
0		Carting away of excavated material					
0		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					
0		Filling and layer work materials					

0		References such as 'G1', 'G2', etc and 'C1', 'C2', etc in descriptions of filling and layer work materials refer to corresponding references in the document 'Guidelines for Road Construction Materials. TRH 14 : 1985' compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter					
0		User note					
0		When no information regarding density and other tests is available the following preamble in respect of testing may be inserted					
0		Testing					
0		Prices for filling are to include for all necessary density and other tests					
0		SITE CLEARANCE					
0		User note					
0		Where the value is of significance, the removal of hedges etc shall be given separately in meters or in number					
0		Site clearance					
0		Cleanring site thus cutting grass including removal of rubbish, debris, vegetation, hedges, shrubs, bushes on the entire site inclding where new fence is to be installed	m <sup>2</sup>	10600,00	R	-	R -
0		EXCAVATIONS ETC					
0		Digging up topsoil					
0		Digging up topsoil to an average depth of 300mm and preserving for use as filling for fencing underdig	m <sup>2</sup>	105,00	R	-	R -
0		Open face excavation in earth over sloping site					
0		Excavation in earth for holes					
0		Not exceeding 2m deep	m <sup>3</sup>	45,02	R	-	R -
0		Extra over all excavations for carting away					
0		Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m <sup>3</sup>	45,02	R	-	R -
0		Keeping excavations free of water					
0		Keeping excavations free of water other than subterranean water	Item	1,00	R	-	R -
		Bill Total					R -

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>BILL NO.4 : CONCRETE, FORMWORK AND REINFORCEMENT</b>					
0		CONCRETE, FORMWORK AND REINFORCEMENT					
0		User note					
0		Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions. Take note that these Model Bills of Quantities utilise abbreviated descriptions. The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions 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 applicable measuring system represents the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications. Consider inserting the preambles hereunder when using the abovementioned Model Preambles for Trades 2008.					
0		Cost of tests					
0		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 for approval . The testing shall be undertaken by an approved independent firm or institution nominated by the contractor ( test cubes are measured separately)					
0		Breeze concrete					
0		Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (1:12); the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated					
0		Lightweight concrete					
0		Lightweight concrete shall have a density of 600kg/ m3 for the top 50mm and 400kg/ m3 for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm					
0		Formwork					
0		Descriptions of formwork shall be deemed to include use and waste only (except where described as left in or permanent), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use					
0		The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself					
0		Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described					

0		Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described					
0		Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in Earthworks					
0		Grade 15MPa					
0		400x400x60mm thick on each post as per the Engineer's drawing	m³	1,28	R -	R -	
		<b>Bill Total</b>					<b>R -</b>

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>BILL NO.5 : ELECTRICAL WORK</b>					
0		SUPPLEMENTARY PREAMBLES					
0		User note					
0		Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions					
0		Users are to note that no provision has been made in the Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors for electrical work. Users are advised to include the engineer's comprehensive electrical project specification in these bills of quantities and to insert relevant supplementary preambles where necessary or to refer to suitable construction standards. Supplementary preambles hereafter are given as examples only, reproduced from typical bills of quantities where some of the preambles may have been specifically required					
0		The range of items provided in this bill is an example of typical items with (or without) trade names to show possible ways of describing such items. Users must take special care that only items relevant to the specific project are to be included and that descriptions should be adapted as necessary to suit the particular circumstances. Headings and descriptions of items in this bill assume that the specification and/or supplementary preambles fully describe materials to be used, methods of fixing, etc					
0		Specifications, drawings, etc					
0		Tenderers are referred to the specification and drawings prepared by the Electrical Engineer annexed to these bills of quantities (accompanying these bills of quantities) for the electrical work, for the full descriptions of the following items which are to be read and priced in conjunction with the said specification and drawings					
0		Contract price adjustment provisions					
0		With reference to the Preliminaries all items in this bill will be subject to fluctuations in the cost of labour and material on the following basis: (a) Ring main units, miniature substations, transformers, main low tension boards, distribution boards and busbars between transformer and low tension boards calculated on the indices published by the Steel and Engineering Industries Federation of South Africa					
0		(b) Cables in excess of 16mm calculated on the basis of proven cost (c) All other work calculated on the index for work group					
0		Switches, socket outlets, etc					
0		Rates for switches, socket outlets, etc are to include for screwing to outlet boxes, connecting up and cover plates					
0		Light fittings					
		<b>Electrical Scope</b>					
	1	16mm2 2 core	m	55,00	R	-	R -
	2	10mm2 2 core	m	500,00	R	-	R -
		<b>Cable Termination</b>					
	3	16mm2 2 core	m	2,00	R	-	R -
	4	10mm2 2 core	m	15,00	R	-	R -
		<b>Trenching</b>					
	5	600x400mm	m3	133,20	R	-	R -
	6	600X600 Main Hole	No.	2,00	R	-	R -
		<b>Bare Earth Conductor</b>					
	7	10mm2	m	55,00	R	-	R -
	8	6mm2	m	500,00	R	-	R -
		<b>New Meter</b>					
	9	Connection fees	No.	1,00	R	-	R -
	10	Standing Kioks	No.	1,00	R	-	R -
	11	Smart meter	No.	1,00	R	-	R -
		<b>Light Fittings</b>					
	12	400W Solar LED Street Lights installed at 7m pole height including 8m pole planted at 1-1,2m	No.	8,00	R	-	R -
		<b>Bill Total</b>				<b>R</b>	<b>-</b>

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>BILL NO.6 : EXTERNAL WORKS</b>					
0		EXTERNAL WORK					
0		User note					
0		Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions. Take note that these Model Bills of Quantities utilise abbreviated descriptions. The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions 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 applicable measuring system, represents the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications. Consider inserting the preambles hereunder when using the abovementioned Model Preambles for Trades 2008					
0		<b>FENCING</b>					
0		User note					
0		In high corrosion areas fence posts, stays, gates, etc are to be highly bonded with a heavy-duty fusion bonded epoxy fence for coastal applications, fusion bonded thermoset polymer coating type, electrostatically sprayed and oven cured. Minimum Coating Thickness: 250 – 400 microns (±10%), Adhesion Strength: ≥ 3 MPa (ASTM D4541) and Salt Spray Resistance: ≥ 1,000 hours (ASTM B117).					
0		Galvanised barbed wire fence with bitumen dipped steel standards and droppers and bitumen-aluminium painted (two coats) steel pipe posts, stays, gates, etc including galvanised steel bolts, straining eye bolts, etc, site clearance and preparation of ground					
		<b>Cochrane Cleavu Fence or Equally Approved:</b>					
	1	"Chochrane ClearVu Invisible Wall Panels" or equally approved consisting of 3,305m panel width x 2,4m Height with 3,5mm diameter bonded with a heavy-duty fusion bonded epoxy fence for coastal applications, fusion bonded thermoset polymer coating type, electrostatically sprayed and oven cured. Minimum Coating Thickness: 250 – 400 microns (±10%), Adhesion Strength: ≥ 3 MPa (ASTM D4541) and Salt Spray Resistance. Fixed to posts using clamps and tech bolts secured to posts of not less than 48 line wire.	m	350,00	R -	R -	
	2	Ditto Taper locking post	No.	106,00	R -	R -	
	3	Ditto Square post	No.	8,00	R -	R -	
	4	Supply and install 100mm x 1,65m length galvanized, then bonded with a heavy-duty fusion bonded epoxy fence for coastal applications shark tooth spikes	m	350,00	R -	R -	
	5	Supply and Install anti-burrow measuring 300mm CV underdig x 3,05m bitumen dipped	m	350,00	R -	R -	
		<b>GATES. ETC</b>					
		<b>Chochrane Cleavu or equally approved gate complete</b>					
	6	a) Heavy-duty fusion bonded epoxy fence for coastal applications, fusion bonded thermoset polymer coating type, electrostatically sprayed and oven cured. Minimum Coating Thickness: 250 – 400 microns (±10%), Adhesion Strength: ≥ 3 MPa (ASTM D4541) and Salt Spray Resistance: ≥ 1,000 hours (ASTM B117) vehicle gate measuring 5000mmx2400mm high, bolted with vandal resistant bolts and 70 x 6mm flat plates on frame posts to with pedestrian entrance gate on one leaf to specialists details including locks etc	No.	1,00	R -	R -	
		<b>Bill Total</b>				<b>R</b>	<b>-</b>

Page	Item	Description	Uom	Quantity	Rate	Amount	Total
		<b>BILL NO.7 : PROVISIONAL SUMS</b>					
0		PROVISIONAL SUMS					
0		User note					
0		Insert preambles/specifications as may be required or in order to supplement any applicable preambles, specifications or bills of quantities descriptions. Take note that these Model Bills of Quantities utilise abbreviated descriptions. The Model Preambles for Trades 2008 published by the Association of South African Quantity Surveyors is designed to support and extend the abbreviated bills of quantities descriptions by inter alia referring to SANS construction standards. Where such model preambles are not applicable none (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 applicable measuring system, represents the full description by extending the abbreviated bills of quantities descriptions and/or by inserting appropriate preambles or specifications.					
0		General					
0		Work for which budgetary allowances are provided will be measured and valued in accordance with the relevant building contract and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances.					
0		Prime cost amounts and provisional sums are net. Prime cost amounts shall include for delivery to site of all articles concerned. Provisional sums are for material and equipment supplied and installed complete by firms of specialists.					
0		Profit					
0		Where stated, the contractor may allow for profit if required.					
0		User note					
0		Refer hereunder to 'nominated subcontractors' or 'selected subcontractors' or both as the case may be and in accordance with the relevant building agreement (building contract). Where 'attendance' is defined in the relevant subcontract agreement/subcontract, the user is to refer thereto and is to ensure that the designations therein are used. Where 'attendance' is not defined in the relevant subcontract agreement/subcontract, the user is to provide a detailed description of the 'attendance' required from the contractor.					
0		General attendance on nominated/selected subcontractors					
0		User note - Use the following descriptions where the JBCC N/S Subcontract Agreement is applicable					
0		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 contractor's duties as described in clause 12.2 of the JBCC N/S Subcontract Agreement.					
0		Special attendance on nominated/selected subcontractors					
0		Where 'special attendance' such as unloading, storing, placing in position, providing special power supplies, specific hoisting, craning and scaffolding requirements, provision of temporary casing and/or other specific protection of the works, special security and clearing away rubbish is required, a separate item describing the specific requirements in detail is to be provided for the pricing of such requirements.					
0		Builder's work					

0		Builder's work in connection with specialist services is given elsewhere in these bills of quantities					
0		<b>BUDGETARY ALLOWANCES</b>					
0		Sundry building work					
0		Provide the sum of R 6500.00 for Community Liason Officer (CLO) per month	Month	4,00	R -	R -	
0		Provide the sum of R40 000.00 for OHS for the entire project duration	Item	1,00	R -	R -	
		Allow for the sum of R 400 per member x 4 for PSC members for 2 meetings a month	Item	1,00	R -	R -	
0		<b>PROVISIONAL SUMS FOR NOMINATED/SELECTED SUBCONTRACT WORKS</b>					
0		<b>TREE FELLING AND TRAFFIC MANAGEMENT</b>					
0		Provide the sum of R 300 000.00 for tree felling and traffic management by a nominated subcontractor.	Prov Sum	1,00	R -	R -	
0		Profit and Attendance	%	0,00		R -	
0		<b>LAND SURVEYING</b>					
0		Provide the sum of R 15 000.00 for land survey	Item	1,00	R -	R -	
0		Profit and Attendance	%	0,00		R -	
		<b>Bill Total</b>					<b>R -</b>

FINAL SUMMARY -		
BILL No.	DESCRIPTION	AMOUNT
1	BILL NO.1 : PRELIMINARIES	R -
2	BILL NO.2 : ALTERATIONS	R -
3	BILL NO.3 : EARTHWORKS	R -
4	BILL NO.4 : CONCRETE, FORMWORK AND REINFORCEMENT	R -
5	BILL NO.5 : ELECTRICAL WORK	R -
6	BILL NO.6 : EXTERNAL WORKS	R -
7	BILL NO.7 : PROVISIONAL SUMS	R -
	<b>SUB TOTAL</b>	<b>R -</b>
	ADD 10% CONTIGENCY SUM	R -
	<b>TOTAL BEFORE VAT</b>	<b>R -</b>
	ADD: VALUE ADDED TAX (V.A.T at 15%)	R -
	<b>TOTAL TENDER SUM</b>	<b>R -</b>

BASIC PRICE LIST						
Item	Description	Unit	Quantity	Price	Amount	Supplier
1	Unskilled worker	Hr	1			
2	Semi-skilled worker	Hr	1			
3	Skilled worker	Hr	1			
4	Qualified Electrician	Hr	1			
5	50kg Cement	Bag	1			
6	19mm stonne	m3	1			
7	16mm2 2 core	m	1			
8	10mm2 2 core	m	1			
9	Standing Kioks	No.	1			
10	Smart meter	No.	1			
11	400W Solar LED Street Lights	No.	1			
12	7m pole	No.	1			
13	Fence	m	1			
14	Taper locking posts	No.	1			
15	Square posts	No.	1			
16	300mm underdig	m	1			
17	5x2.4 vehicular gate with a pedstrane gate	No.	1			
18	5x24m vehicule gate	No.	1			
19	Panel clamps	No.	1			
20	Tack bolts	No.	1			