

NEW SECURITY FENCE - PHUTHADITJHABA**SUMMARY OF SCHEDULE OF QUANTITIES**

SECTION 1	PRELIMINARIES	R	
1200	GENERAL REQUIREMENTS AND PROVISIONS	R	
1300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS	R	
1500	ACCOMMODATION OF TRAFFIC	R	
1700	CLEARING AND GRUBBING	R	
3300	MASS EARTHWORKS	R	
5500	FENCING	R	
6400	CONCRETE FOR STRUCTURES	R	
8100	TESTING MATERIALS AND WORKMANSHIP	R	
	TOTAL OF PRICED ITEMS	R	
	Allow 10% contingencies to be used to the discretion of the client as the project proceeds, and deducted in whole or in part if not required	R	
	All the sum of R 1 000 000 (One Million Rand) for Contract Price Adjustment Provisions, to be used or omitted at the discretion of the Client	R	1 000 000,00
	NET TOTAL OF BID	R	
	Add 15% for Value Added Tax	R	
	TOTAL: NEW SECURITY FENCE - CARRIED TO FORM OF OFFER	R	

Signed on behalf
of Tenderer:

Date:

SECTION NO.1					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p>BILL NO. 1 <u>PRELIMINARIES</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p> <p>The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause</p> <p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p> <p>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 above mentioned documents</p>				
	Carried Forward				

SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
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	<p>PREAMBLES FOR TRADES</p> <p>User note</p> <p>The General Preambles for Trades 2017 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 interalia referring to SANS construction standards. Where such 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</p> <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> <p>The latest version of the General Preambles for Trades should be referred to should the General Preambles for Trades 2017 be revised in future</p> <p>The General Preambles for Trades 2017 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 General Preambles will be entertained</p> <p>Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications</p>				
	Carried Forward				

SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
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1	<p><u>STRUCTURE OF THIS PRELIMINARIES BILL</u></p> <p>Section A : A recital of the headings of the individual clauses in the aforementioned JBCC Principal Building Agreement</p> <p>Section B : A recital of the headings of the individual clauses in the aforementioned JBCC General Preliminaries</p> <p>Section C : Any special clauses to meet the particular circumstances of the project</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>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)</p> <p>SECTION A: PRINCIPAL BUILDING AGREEMENT</p> <p><u>Interpretation</u></p> <p>Clause 1.0 - Definitions and interpretation</p> <p>The following definitions replace corresponding definitions or are added to the definitions in the JBCC PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018), whatever the case may be</p> <p>ADVERSE WEATHER CONDITIONS: Adverse weather and inclement weather has the same meaning and used interchangeably and means any weather conditions i.e.: Rain, wind, snow, frost, temperature (cold or heat) that are not in the norm for the area where the construction takes place and during which no work is possible on site</p> <p>AGREEMENT: The completed Form of Offer and Acceptance, the completed JBCC® Principal Building Agreement and contract data for organs of state and other public sector bodies, the contract drawings, the priced document and any other documents reduced to writing and signed by the authorised representative or representatives of the parties</p> <p>CONSTRUCTION PERIOD: The period commencing on the date of possession of the site by the contractor and ending on the date of practical completion</p>				
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SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
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	<p>CONTRACT PERIOD: The period commencing on the date of the letter of acceptance and ending on the date of final completion</p> <p>COST FLUCTUATION shall mean contract price adjustment provision (CPAP) for the adjustment of fluctuation in the cost of labour, plant, material and goods as stated in the schedule</p> <p>DEFAULT INTEREST: No Clause</p> <p>GUARANTEE FOR CONSTRUCTION: A security in terms of the DPWI's Guarantee for Construction form/s, obtained by the contractor from an institution approved by the employer [CD]</p> <p>INTEREST: The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) as amended, calculated as simple interest, in respect of debts owing to the State, and will be the rate as published by the Minister of Justice and Correctional Services from time to time, in terms of section 1(2) of the Prescribed Rate of Interest Act, 1975 (Act No 55 of 1975) as amended, calculated as simple interest, in respect of debts owing by the State</p> <p>LETTER OF ACCEPTANCE: The letter of formal acceptance of the Contractor's or Service Provider's Tender / Bid, issued and signed by the Employer</p> <p>PAYMENT CERTIFICATE: A certificate issued at regular agreed intervals [CD] by the principal agent to the parties certifying the amount due and payable in terms of Clause 25.3</p> <p>PRINCIPAL AGENT: The person or entity appointed by the employer and named in the contract data for organs of state and other public sector bodies. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by the employer's representative as named in the contract data for organs of state and other public sector bodies</p> <p>TARGETED SUBCONTRACTORS: Subcontractors that must be appointed to a total of 30% or more of the contract sum, by the contractor, projects with a contract sum of the amount determined by the Minister in terms of the latest Preferential Procurement regulations, as may be amended from time to time.</p>				
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SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
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2	F:..... V:..... T:..... Clause 2.0 - Law , regulations and notices	Item			
3	F:..... V:..... T:..... Clause 3.0 - Offer and acceptance	Item			
4	F:..... V:..... T:..... Clause 4.0 - Cession and assignment	Item			
5	F:..... V:..... T:..... Clause 5.0 - Documents	Item			
6	Clause 6.0 - Employer's agents Clause 6.0 Replace Clause 6.5 with the following: Where the principal agent and/or an agent fails to act or terms of this agreement, the employer shall appoint another Add the following as Clause 6.7: In terms of the clauses listed hereunder, the employer principal agent, notwithstanding other provisions in the clauses 4.2, 14.1.4, 14.4.1, 14.6, 15.1.4, , 15.4.1, 23.1, 23.2,				
7	F:..... V:..... T:..... Clause 7.0 - Design responsibility	Item			
8	Insurances and securities (A8-A11) Clause 8.0 - Works risk				
9	F:..... V:..... T:..... Clause 9.0 - Indemnities	Item			
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SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
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10	<p>Clause 10.0</p> <p>Replace Clause 10.1 with the following: The party responsible shall effect and keep the respective insurances [CD] in force, in favour of the employer as beneficiary , from the date of possession of the site until the issue of the certificate of practical completion and with an extension to cover the contractors obligations after the date of practical completion [8.2.2]</p> <p>Add the following as Clause 10.1.5.1: Hi Risk Insurance In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable sub-surface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply</p> <p>Add the following as Clause 10.1.5.1.1 Damage to the works The contractor shall, from the date of possession of the site until the date of the certificate of practical completion, bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary</p>				
11	<p>When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractor's own costs</p> <p>10.1.5.1.2 Injury to persons or loss of or damage to property The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above</p> <p>The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property, or personal property, or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract</p>				
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12	<p>10.1.5.1.3 Replace Clause with the following: It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.1.5.1.1 and 10.1.5.1.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the date of letter of acceptance, but before commencement of the works, submit to the employer proof of such insurance policy.</p> <p>10.1.5.1.4 Replace Clause with the following: The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractor's default of his obligations as set out in 10.1.5.1.1; 10.1.5.1.2 and 10.1.5.1.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole</p> <p>10.2 Replace Clause with the following: Where practical completion in sections is required [20.0], or where the works is for alterations and additions, the contractor shall effect and keep in force contract works insurance [10.1.1], supplementary insurance [10.1.2], public liability insurance [10.1.3] and where applicable, removal of lateral support insurance [10.1.4] and other insurances [10.1.5] in favour of the employer as beneficiary</p> <p>10.6 No Clause</p> <p>Add the following as Clause 10.11 In the event that an insurer dispute the amount of the claim to be paid to the employer, the contractor shall be liable to the employer for the difference between the claim (as determined by the employers QS appointed on the project) made by the employer and the amount that the insurer is willing to pay</p>	Item			
13	<p>F:..... V:.....</p> <p>T:.....</p>				
14	<p>Clause 11.0 - Securities</p> <p>Add the following as to the relevant related Clauses</p> <p style="text-align: center;">Add the following to Clause 11.1:</p> <p>In respect of contracts with a contract sum up to R1 million, will be a payment reduction of five per cent (5%) of the</p> <p>In respect of contracts with a contract sum above R1 million, provided in terms of C 1.0 Securities, as stated in the schedule. fifteen (15) working days from commencement date. Should should the contractor fail to provide the employer with the commencement date, the security in terms of C 1.0 Option</p>				
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	<p>The payment reduction of the value certified in a payment 25.12.5</p> <p>11.1.1 No Clause</p> <p>11.1.2 No Clause</p> <p>11.2.2 No Clause</p> <p>11.3 No Clause Replace Clause 11.4.1 with the following: Hand over the site to the contractor and withhold an amount equal to ten per cent (10%) of each interim payment certificate until practical completion is achieved. The value certified shall be subject to the adjustments in terms of 25.12.6 to 25.12.10.</p> <p>11.5 No Clause</p> <p>11.6 No Clause</p> <p>11.7 No Clause</p> <p>11.8 No Clause</p> <p>11.9 No Clause</p> <p>11.10 No Clause</p> <p>Add the following as Clause 11.11: Where the security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>Add the following as Clause 11.11.1: The contractor shall furnish the employer with a cash deposit equal in value to ten percent (10%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to furnish the employer with a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.</p> <p>Add the following as Clause 11.11.2: The employer shall be entitled to recover expense and loss from the cash deposit in terms of Clause 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor.</p> <p>Add the following as Clause 11.11.3: Within fifteen (15) working days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT) and refund the balance to the contractor</p> <p>Add the following as Clause 11.11.4: Within fifteen (15) working days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor.</p>				
	Carried Forward				

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	<p>Add the following as Clause 11.11.5: On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor.</p> <p>Add the following as Clause 11.11.6: The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party.</p> <p>Add the following as Clause 11.12: Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>Add the following as Clause 11.12.1: The contractor shall furnish the employer with an acceptable variable construction guarantee equal in value to ten per cent (10%) of the contract sum (excluding VAT) within fifteen (15) working days after issuance of the letter of acceptance. Failure to submit an acceptable variable construction guarantee within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.</p> <p>Add the following as Clause 11.12.2: The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender.</p> <p>Add the following as Clause 11.12.3: The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring.</p> <p>Add the following as Clause 11.12.4: Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall issue a written demand in terms of the variable construction guarantee.</p> <p>Add the following as Clause 11.13: Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>Add the following as Clause 11.13.1: The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT).</p> <p>Add the following as Clause 11.13.2: The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of the last certificate of practical completion.</p> <p>Add the following as Clause 11.13.3: The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring.</p> <p>Add the following as Clause 11.13.4: The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5.</p>				
	Carried Forward				

SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
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	<p>Add the following as Clause 11.13.5: Where the employer has a right of recovery against the contractor in terms of 27.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or from both.</p> <p>Add the following as Clause 11.14.1: Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected:</p> <p>Add the following as Clause 11.14.2: The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within fifteen (15) working days from commencement date. Failure to submit a cash deposit within fifteen (15) working days Clause 11.4 will apply mutatis mutandis.</p> <p>Add the following as Clause 11.14.3: Within fifteen (15) working days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor.</p> <p>Add the following as Clause 11.14.4: The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.1 - 25.12.5.</p> <p>Add the following as Clause 11.14.5: Where the employer has a right of recovery against the contractor in terms of 27, the employer may recover from the payment reduction or cash deposit or from both</p> <p>Add the following as Clause 11.15: Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected.</p> <p>Add the following as Clause 11.15.1: The payment reduction of the value certified in a payment certificate shall be mutatis mutandis in terms of 25.12.6 to 25.12.10.</p> <p>Add the following as Clause 11.15.2: The employer shall be entitled to recover expense and loss from the cash deposit in terms of 27.0 provided that the employer notifies the Contractor in which event the employer's entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor.</p> <p>Add the following as Clause 11.16: Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement.</p> <p>Add the following as Clause 11.17: Should the contractor fail to furnish the security in terms of 11.2 the employer, in his sole discretion, and without notification to the contractor, is entitled to change the contractor's selected form of security to that of a ten percent (10%) payment reduction of the value certified in the payment certificate (excluding VAT).</p> <p>F:..... V:..... T:.....</p>	Item			
	Carried Forward				

SCHEDULE A: PRELIMINARY AND GENERAL					SECTION NO.1
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15	<p>Execution (A12 - A17)</p> <p>Clause 12.0 - Obligations of the parties</p> <p>Replace Clause 12.1.5 with the following: Give possession of the site to the contractor within ten (10) working days after approval of the Health and Safety Plan or the issue of a construction permit by the Department of Labour, if applicable, after the contractor complied with the terms of 12.2.22</p> <p>12.1.6 No Clause</p> <p>12.1.8 No Clause</p> <p>Replace Clause 12.2.2 with the following: The priced Bills must be submitted to the Employer within fourteen (14) calendar days from date of request. Where the priced document contains errors or discrepancies and/or prices considered by the employer or principal agent to be imbalanced or unreasonable the employer or principal agent and the contractor shall adjust such prices without any change to the contract sum</p> <p>Replace Clause 12.2.5 with the following : Effect and keep in force insurances in favour of the employer as beneficiary where the contractor is responsible for providing insurances [10.0] [CD]</p> <p>Replace Clause 12.2.13 with the following: Designate a competent person full time on site to continuously administer and control the works on site and to receive and implement notices and contract instructions on behalf of the contractor</p> <p>Add the following as Clause 12.2.22:</p> <p>Replace Clause 12.1.5 with the following: Give possession of the site to the contractor within ten the issue of a construction permit by the Department of 12.2.22</p> <p>12.1.6 No Clause</p> <p>12.1.8 No Clause</p> <p>Replace Clause 12.2.2 with the following: The priced Bills must be submitted to the Employer within priced document contains errors or discrepancies and/or imbalanced or unreasonable the employer or principal agent to the contract sum</p> <p>Replace Clause 12.2.5 with the following : Effect and keep in force insurances in favour of the providing insurances [10.0] [CD]</p> <p>Replace Clause 12.2.13 with the following: Designate a competent person full time on site to continuously implement notices and contract instructions on behalf of</p> <p>Add the following as Clause 12.2.22: Within fourteen (14) working days of the date of the letter and safety plan, required in terms of the Occupational Health</p> <p>Add the following as Clause 12.2.23: The contractor shall within reasonable time inform the agents 12.0]</p> <p>Offices</p> <p>The contractor shall provide, maintain and remove on principal agent, minimum size 4 x 3 x 3m high internally, and fitted with boarded floor, desk, chair, drawing stool, be kept clean and fit for use at all times [12.2.18]</p> <p>F:..... V:..... T:.....</p>	Item			
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16	Main notice board The contractor shall provide, erect where directed, maintain x 3m as type Drawing GEN 063, constructed of suitable thick round outer edges and projecting 12mm from face securely fixed to hoarding, where hoarding is provided, tubular posts and braces. The board is to be painted ivory wording shall be inscribed in dark green as per the coat sans serif lettering [12.2.18] F:..... V:..... T:.....	Item			
17	Clause 13.0 - Setting out F:..... V:..... T:.....	Item			
18	Clause 14.0 - Nominated subcontractors F:..... V:..... T:.....	Item			
19	Clause 15.0 - Selected subcontractors F:..... V:..... T:.....	Item			
20	Clause 16.0 - Direct contractors Attendance on direct contractors In respect of direct contractors the contractor shall: F:..... V:..... T:.....	Item			
21	Clause 17.0 - Contract instructions Replace Clause 17.4 with the following: The contractor shall comply with and duly execute all contract instructions except any contract instruction for additional work issued after the date of practical completion other than making good physical loss and repairing damage to the works in terms of 8.0 and 21 Add the following clause as Clause 17.6: Minutes of meetings shall not constitute a site instruction unless reduced to a written contract instruction issued by the principal agent in terms of this contract / agreement. F:..... V:..... T:.....	Item			
22	Completion (A18 - A24) Clause 18.0 - Interim completion	N/A			
23	Clause 19.0 - Practical completion F:..... V:..... T:.....	Item			
24	Clause 20.0 - Completion in sections F:..... V:..... T:.....	Item			
25	Clause 21.0 - Defects liability period and final completion F:..... V:..... T:.....	Item			
26	Clause 22.0 - Latent defects liability period F:..... V:..... T:.....	Item			
27	Clause 23.0 - Revision of the date for practical completion				
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	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] F:..... V:..... T:.....	Item			
28	Clause 24.0 - Penalty for late or non-completion F:..... V:..... T:.....	Item			
29	Payment (A25 - A27) Clause 25.0 - Payment F:..... V:..... T:.....	Item			
30	Clause 26.0 - Adjustment of the contract value and final account Clause 26.0 Ref Clause 6.7 [CD] – Clause 26.1 Omit Clause 26.4.3 Ref Clause 6.7 [CD] – Clause 26.7 Replace Clause 26.10 with the following: The principal agent shall prepare the final account in contractor within sixty (60) working days of the date of practical Ref Clause 6.7 [CD] – Clause 26.12 F:..... V:..... T:.....	Item			
31	Clause 27.0 - Recovery of expense and/or loss F:..... V:..... T:.....	Item			
32	Suspension and termination (A28 - A29) Clause 28.0 - Suspension by the contractor F:..... V:..... T:.....	Item			
33	Clause 29.0 - Termination F:..... V:..... T:.....	Item			
34	Dispute resolution (A30) Clause 30.0 - Dispute resolution F:..... V:..... T:.....	Item			
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SCHEDULE A: GENERAL PRELIMINARIES					SECTION NO.1
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	SECTION B: GENERAL PRELIMINARIES				
	<u>Definitions and interpretation (B1)</u>				
35	Clause 1.1 - Definitions F:..... V:..... T:.....	Item			
36	Clause 1.2 - Interpretation F:..... V:..... T:.....	Item			
	<u>Documents (B2)</u>				
37	Clause 2.1 - Checking of documents F:..... V:..... T:.....	Item			
38	Clause 2.2 - Provisional bills of quantities				
39	Clause 2.3 - Availability of construction information F:..... V:..... T:.....	Item			
40	Clause 2.4 - Ordering of materials and goods F:..... V:..... T:.....	Item			
	<u>Previous work and adjoining properties (B3)</u>				
41	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item			
42	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item			
43	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item			
	<u>The site (B4)</u>				
44	Clause 4.1 - Handover of site in stages F:..... V:..... T:.....	Item			
45	Clause 4.2 - Enclosure of the works Describe any specific hoarding requirements, other than already described in clause 4.2 or in the contract data F:..... V:..... T:.....	Item			
46	Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:.....	Item			
47	Clause 4.4 - Encroachments F:..... V:..... T:.....	Item			
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SCHEDULE A: GENERAL PRELIMINARIES					SECTION NO.1
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	<u>Management of contract (B5)</u>				
48	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item			
49	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item			
50	Clause 5.3 - Technical meetings F:..... V:..... T:.....	Item			
	<u>Samples, shop drawings and manufacturer's instructions (B6)</u>				
51	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item			
52	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item			
53	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item			
54	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item			
	<u>Deposits and fees (B7)</u>				
55	Clause 7.1 - Deposits and fees F:..... V:..... T:.....				
	<u>Temporary services (B8)</u>				
56	Clause 8.1 - Water F:..... V:..... T:.....	Item			
57	Clause 8.2 - Electricity F:..... V:..... T:.....	Item			
58	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item			
59	Clause 8.4 - Communication facilities F:..... V:..... T:.....	Item			
	Carried Forward				

SCHEDULE A: GENERAL PRELIMINARIES					SECTION NO.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brought Forward				
60	<p><u>Prime cost amounts (B9)</u> Clause 9.1 - Responsibility for prime cost amounts <u>User note</u></p> <p>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</p> <p>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 amounts in measured items, which measured items shall contain sufficient detail for the contractor to price for fixing and installation, waste, etc</p> <p>F:..... V:..... T:.....</p>	Item			
61	<p><u>Attendance on subcontractors (B10)</u> Clause 10.1 - General attendance</p> <p>The contractor shall at his own expense provide the following Access to the site and places where the subcontract temporary personnel hoists erected by the contractor</p> <p>The provision of water and lighting and single phase electric subcontract work is to be carried out but excluding water,</p> <p>The provision of an area for the subcontractor to establish storage of plant and materials</p> <p>The use of erected scaffolding belonging to the contractor erected on the site The use, at reasonable times by arrangement of the contractor's</p> <p>F:..... V:..... T:.....</p>	Item			
62	<p>Clause 10.2 - Special attendance</p> <p><u>General (B11)</u></p>				
63	<p>Clause 11.1 - Protection of the works</p> <p>F:..... V:..... T:.....</p>	Item			
64	<p>Clause 11.2 - Protection/isolation of existing works and works occupied in sections</p> <p>F:..... V:..... T:.....</p>	Item			
65	<p>Clause 11.3 - Security of the works</p> <p>F:..... V:..... T:.....</p>	Item			
66	<p>Clause 11.4 - Notice before covering work</p> <p>F:..... V:..... T:.....</p>	Item			
	Carried Forward				

SCHEDULE A: GENERAL PRELIMINARIES					SECTION NO.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brought Forward				
67	Clause 11.5 - Disturbance <u>Disturbance</u> The contractor shall keep the site, structures, etc well watered during operations to prevent dust and shall provide and erect and remove on completion of the works all necessary temporary dust screens all to the satisfaction of the principal agent F:..... V:..... T:.....	Item			
68	Clause 11.6 - Environmental disturbance F:..... V:..... T:.....	Item			
69	Clause 11.7 - Works cleaning and clearing F:..... V:..... T:.....	Item			
70	Clause 11.8 - Vermin F:..... V:..... T:.....	Item			
71	Clause 11.9 - Overhand work F:..... V:..... T:.....	Item			
72	Clause 11.10 - Tenant installations F:..... V:..... T:.....	Item			
73	Clause 11.11 - Advertising F:..... V:..... T:.....	Item			
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>				
	<u>C1- Community Liason Officer</u>				
74	Allow for a Community Liason Officer (CLO) to be appointed F:..... V:..... T:.....	Item			
75	Allow for net extra cost involved in the employment of a Community Liason Officer (CLO) in respect of the site office F:..... V:..... T:.....	Item			
76	Allow for net extra cost involved in the employment of a Community Liason Officer (CLO) in respect of the toilets F:..... V:..... T:.....	Item			
	<u>C2- Local Labour</u>				
77	Allow for regular submission of proof of employment of local skilled and unskilled labour to Employer's representative F:..... V:..... T:.....	Item			
	<u>C3- Local Record</u>				
78	Allow for the provision of weekly reports to in a schedule form for all tradesmen and labour employed on the site (contractor's own staff and subcontractor's staff) F:..... V:..... T:.....	Item			
	TOTAL CARRIED TO SUMMARY				

SCHEDULE A: PRELIMINARY AND GENERAL					SECTION 1200
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1200	<p><u>GENERAL REQUIREMENTS AND PROVISIONS</u></p> <p>Tenders are advised to attend a compulsory site briefing session to acquaint themselves fully with site conditions, nature and full extent of the work involved prior to submitting their tender. No claims on ground of insufficient information in such respect or otherwise will be entertained in such respect or otherwise will be entertained by the Department.</p> <p>Only competent workmen under constant competent supervision will be allowed on site.</p> <p>All shaving, cuttings and rubbish shall be cleaned out and be deposited away from site as they accumulate during the working process.</p> <p>Contract period is 18 Months</p> <p>Penalty for late completion is four cents (R1,75) per hundred rand (R100) of the contract sum per day.</p> <p>Contractor must note that there will be re-measurement on site to verify the quantities after completion of work and payment will be made according to what is done on site, measured quantities.</p>				
B12.02	<p>Remuneration of the Project Liaison Officer and members of the Project Liaison Committee:</p> <p>(b) Project Steering Committee costs (R250 per member per sitting)</p> <p>(c) Contractor's handling costs, profit and all other charges in respect of subitems B12.02(a) and (b):</p> <p>(ii) Project Liaison Committee</p>	PC Sum			R 36 000,00
B12.05	<p>Compliance with OHS Act and Regulations (including the Construction Regulations 2014)</p> <p>The contractor shall comply with all the requirements set out in the Construction Regulation, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993). Provision for pricing of the Occupational Health and Safety Act, Construction Regulation and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p>	Lump Sum	1		
B12.08	<p>Training</p> <p>(a) Local Labour</p> <p>(b) Handling cost and profit in respect of subitem B12.08(a)</p>	PC Sum	1		R 60 000,00
1200	TOTAL CARRIED TO SUMMARY				

SCHEDULE A: PRELIMINARY AND GENERAL					SECTION 1300
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>1300</u>	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
B13.01	The Contractor's general obligations:				
	(a) Fixed obligations	Lump Sum	1		
	(b) Value-related obligations	Lump Sum	1		
	(c) Time-related obligations	month	18		
	<u>NB</u> The combined total tendered for subitems (a), (b) and (c) shall not exceed 15% of the Tender Sum. (excluding contingencies and VAT).				
1300	TOTAL CARRIED TO SUMMARY				

SCHEDULE B: SECURITY FENCE					SECTION 1500
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>1500</u>	<u>ACCOMMODATION OF TRAFFIC</u>				
B15.01	Accommodating traffic	km	1,300		
B15.04	Relocation of traffic-control facilities	Lump Sum	1		
1500	TOTAL CARRIED TO SUMMARY				

SCHEDULE B: SECURITY FENCE					SECTION 1700
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>1700</u>	<u>CLEARING AND GRUBBING</u>				
B17.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 1 m up to and including 2 m	No	10		
	(b) Girth exceeding 2 m up to and including 3 m	No	5		
1700	TOTAL CARRIED TO SUMMARY				

SCHEDULE B: SECURITY FENCE					SECTION 3300
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3300	<u>MASS EARTHWORKS</u>				
B33.01	Cut and borrow to fill, including free-haul up to 0,5km				
	(a) Material in compacted layer thicknesses of 200 mm and less:				
	(i) Compacted to 90% of modified AASHTO density	m ³	238		
B33.04	Cut to spoil, including free-haul up to 0,5km. Material obtained from:				
	(a) Soft excavation	m ³	190		
	(c) Hard excavation	m ³	19		
	(d) Boulder excavation class A	m ³	10		
SPS01	Soil Poisoning				
	(a) Top of compacted surfaces	m ²	1 900		
3300	TOTAL CARRIED TO SUMMARY				

SCHEDULE B: SECURITY FENCE					SECTION 5500
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5500	FENCING				
B55.01	Clearing the fence line, 2m wide strip Clear area of site of all rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc., including reclearing of any subsequent vegetation growth during the contract period as considered necessary by the Representative.	km	2,38		
B55.02	Supply and erect new fencing material for new fence. (a) 2400mm High Security Smart Fence Galvanized and Alu coated steel high security fencing mesh. All details and specifications to be verified with manufacturer Samples to be provided for approval before ordering of material. 2400mm high Galvanized and Alu coated high security mesh fence with and including spikes on top and all posts, etc. (i) Post shall be 3,6m long with taper locking post. Post width shall be 85mm - tapering to 45mm with a depth of 85mm. Post shall include locking recess mechanism to secure panel edge and shall be sealed with a UV stabilized polymer cap. Panel shall be of 3,305m width and 2400mm in height. Panel aperture size (centres) shall be 76,2mm x 25mm with minimum wire diameter of 3mm. The panel shall be reinforced with 4 x 50mm deep V formation horizontal recessed bands (rigidity) and shall have 2 x 70° flanges along sides (internal fixture - all fixtures shall be on the inside of fence line). Panel shall have 1 x 90° flange along top and 1 x 30° flange along toe (integrated rigid angle). Panel post shall have a flush panel post finish with no climbing aid. Panel shall be affixed to post over 48 line wires using 16 x Single bolt comb clamps using 16 x Anti vandal bolts. (ii) Mesh panels to be Galvanized and Alu coated and be fixed with locking recess mechanism to approval of the representative.	No	552		
		No	540		
5500	Carried Forward				

SCHEDULE B: SECURITY FENCE					SECTION 5500
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brought Forward				
	<p>(b) 1800mm High Security Smart Fence</p> <p>Galvanized and Alu coated steel high security fencing mesh. All details and specifications to be verified with manufacturer</p> <p>Samples to be provided for approval before ordering of material.</p> <p>1800mm high Galvanized and Alu coated high security mesh fence with and including spikes on top and all posts, etc.</p> <p>(i) Post shall be 3m long with taper locking post. Post width shall be 85mm - tapering to 45mm with a depth of 85mm. Post shall include locking recess mechanism to secure panel edge and shall be sealed with a UV stabilized polymer cap.</p> <p>Panel shall be of 3,305m width and 1800mm in height. Panel aperture size (centres) shall be 76,2mm x 25mm with minimum wire diameter of 3mm. The panel shall be reinforced with 4 x 50mm deep V formation horizontal recessed bands (rigidity) and shall have 2 x 70° flanges along sides (internal fixture - all fixtures shall be on the inside of fence line). Panel shall have 1 x 90° flange along top and 1 x 30° flange along toe (integrated rigid angle). Panel post shall have a flush panel post finish with no climbing aid. Panel shall be affixed to post over 48 line wires using 16 x Single bolt comb clamps using 16 x Anti vandal bolts.</p> <p>(ii) Mesh panels to be Galvanized and Alu coated and be fixed with locking recess mechanism to approval of the representative.</p> <p>(c) 100mm High Galvanised "Shark Tooth" type spike rails bolted to 50mm wide mesh flange along fence top</p> <p>(d) 500mm Ripper Flatwrap - Galvanized</p> <p>(e) Straining Wire - Galvanized</p>	No	169		
B55.03	New gates				
	<p>(a) 6000 x 2400mm high sliding gate complete with spikes on top to match new fence and including gate rail, stoped end, guide rollers, etc. (concrete measured elsewhere)</p> <p>(b) 5000 x 1800mm high sliding gate complete with spikes on top to match new fence and including gate rail, stoped end, guide rollers, etc. (concrete measured elsewhere)</p>	No	6		
		No	7		
B55.05	Dismantling existing fences				
	<p>Rates shall include full compensation for taking down existing fences and gates, coiling wires, rolling metting into rolls, trasporting the material to designated sites and staking the material</p> <p>(a) Fence</p> <p>(b) Gates</p>	m	2 339		
		No	13		
5500	TOTAL CARRIED TO SUMMARY				

SCHEDULE B: SECURITY FENCE					SECTION 6400
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>6400</u>	<u>CONCRETE FOR STRUCTURES</u>				
B64.01	Cast in situ concrete Rates shall include full compensation for procuring and furnishing all the material, storing the material, providing all plant, mixing transporting, placing and compacting the concrete, forming the inserts, construction joints, contraction joints, curing and protecting the concrete, repairing defective surfaces, and finishing the concrete surfaces as specified.				
	(a) 400mm x 600mm deep cast in situ concrete Class 25/19mm concrete footings for poles (as per detail drawings)	m ³	73		
	(b) 250mm x 250mm deep cast in situ concrete Class 25/19 concrete underneath the sliding gates (as per detail drawings)	m ³	8		
	(c) 400mm x 200mm deep cast in situ concrete Class 20/19 concrete underneath the panels (as per detail drawings)	m ³	26		
6400	TOTAL CARRIED TO SUMMARY				

SCHEDULE B: SECURITY FENCE					SECTION 8100
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
8100	<u>TESTING MATERIALS AND WORKMANSHIP</u>				
B81.02	Other special tests requested by the engineer:				
	(a) (i) Layers compaction tests Compaction in bottoms of surface trenches and column bases. Breaking down oversized matertail. Adding suitable material where necessary and compacting to 90% Mod AASTHO	m ²	960		
	(ii) Concrete cube tests (7 & 28 days)	No	8		
	(b) Handling cost and profit in respect of subitems B81.02 (a) (i),(ii) and (iv) above	%			
8100	TOTAL CARRIED TO SUMMARY				