

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>MEANING OF TERMS "TENDER / TENDERER"</u></p> <p>Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder"</p> <p><u>PRELIMINARIES</u></p> <p>The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked. "N/A" signifying "Not Applicable".</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item</p> <p>Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities.</p> <p><u>SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT</u></p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				<p style="text-align: right;">R</p>

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>DEFINITIONS</u></p> <p>A A1.0 DEFINITIONS AND INTERPRETATION</p> <p>Clause 1.0</p> <p>1.1 Definition of "Commencement Date" is added:</p> <p>"COMMENCEMENT DATE" means the date that the agreement, made in terms of the Form of Offer and Acceptance, comes into effect</p> <p>Clause 1.1 Definition of "Construction Guarantee" is amended by replacing it with the following:</p> <p>"CONSTRUCTION GUARANTEE" means a guarantee at call obtained by the contractor from an institution approved by the employer in terms of the employer's construction guarantee form as selected in the schedule</p> <p>Clause 1.1 Definition of "Construction Period" is amended by replacing it with the following:</p> <p>"CONSTRUCTION PERIOD" means the period commencing on the commencement date and ending on the date of practical completion</p> <p>Clause 1.1 Definition of "Corrupt Practice" is added:</p> <p>"CORRUPT PRACTICE" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.</p> <p>Clause 1.1 Definition of "Fraudulent Practice" is added:</p> <p>"FRAUDULANT PRACTICE" means a misrepresentation of facts in order to influence a procurement process in the execution of a contract to the detriment of any tenderer and includes collusive practice among tenderes (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition.</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				<p style="text-align: right;">R</p>

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	<p>Clause 1.1 Definition of "Interest" is amended by replacing it with the following:</p> <p>“INTEREST” means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate 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).</p> <p>Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following:</p> <p>"PRINCIPAL AGENT" means the person or entity appointed by the employer and named in the schedule. 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 a representative of the employer as named in the schedule.</p> <p>Clause 1.1 Definition of "Security" is amended by replacing it with the following:</p> <p>"SECURITY" means the form of security provided by the employer or contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss</p> <p>Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax"</p> <p>Clause 1.6.4 is amended by replacing it with the following:</p>				
A	<p>No clause</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
	<p><u>OBJECTIVE AND PREPARATION</u></p>				
B	<p>A2.0 OFFER, ACCEPTANCE AND PERFORMANCE</p> <p>Clause 2.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
	<p style="text-align: center;">Carried to Collection</p>				R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>A3.0 DOCUMENTS</p> <p>Clause 3.0</p> <p>Clause 3.2.1 is amended by replacing "14.1" with "14.0"</p> <p>Clause 3.7 is amended by the addition of the following:</p> <p>The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times</p> <p>Clause 3.10 is amended by replacing the second reference to "principal agent" with the word "employer"</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
B	<p>A4.0 DESIGN RESPONSIBILITY</p> <p>Clause 4.0</p> <p>Clause 4.3 is amended by replacing it with the following:</p> <p>No clause</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>A5.0 EMPLOYER'S AGENTS</p> <p>Clause 5.0</p> <p>Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>A6.0 SITE REPRESENTATIVE</p> <p>Clause 6.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>A7.0 COMPLIANCE WITH REGULATIONS</p> <p>Clause 7.0</p> <p>Note: A separate clause has been included in Section C : Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>A8.0 WORKS RISK</p> <p>Clause 8.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>A9.0 INDEMNITIES</p> <p>Clause 9.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>A10.0 WORKS INSURANCES</p> <p>Clause 10.0</p> <p>Clause 10.0 is amended by the addition of the following clauses:</p> <p>10.5 Damage to the Works</p> <p>(a) Without in any way limiting the contractor's obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary</p>				
	Carried to Collection				R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

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	<p>(b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works</p> <p>(c) The employer shall carry the risk of damage to or destruction of the works and material paid for by the employer that is the result of the excepted risks as set out in 10.6</p> <p>(d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damage or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof</p>				
	<p>10.6 Injury to Persons or loss of or damage to Properties</p>				
	<p>(a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p>				
	<p>(b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable 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, arising out of or in the course of or by reason of the execution of the works unless due to any act or negligence of any person for whose actions the employer is legally liable</p>				
	<p style="text-align: center;">Carried to Collection</p>			<p style="text-align: right;">R</p>	
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

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	<p>(c) The contractor shall, upon receiving a contract instruction from the principal agent, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor</p> <p>(d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion</p> <p>(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed</p> <p>(f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works</p>				
	<p>10.7 High risk insurance</p> <p>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 subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:</p>				
	<p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			R	

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<p>10.7.1 Damage to the works</p> <p>The contractor shall, from the commencement date of the works 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> <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>10.7.2 Injury to persons or loss of or damage to property</p> <p>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 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> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				<p style="text-align: right;">R</p>

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	<p>10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractor's obligations in terms of the contract, the contractor shall, within twenty-one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so</p> <p>10.7.4 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 10.7.1; 10.7.2 and 10.7.3. 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>Fixed: _____ Value: _____ Time: _____</p>				
A	<p>A11.0 LIABILITY INSURANCES</p> <p>Clause 11.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>A12.0 EFFECTING INSURANCES</p> <p>Clause 12.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>A13.0 No clause</p>		N/A		
D	<p>A14.0 SECURITY</p> <p>Clause 14.0</p> <p>Clauses 14.1 - 14.8 are amended by replacing them with the following:</p>				
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p>14.1 In respect of contracts with a contract sum up to R1 million, the security to be submitted by the contractor to the employer will be as a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT)</p> <p>14.1.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A)</p> <p>14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor</p> <p>14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty-one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty-one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected.</p> <p>14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty-one (21) calendar days from commencement date</p> <p>14.3.2 Within twenty-one (21) calendar 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 style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				<p style="text-align: right;">R</p>

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	<p>14.3.3 Within twenty-one (21) calendar 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> <p>14.3.4 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>14.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 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>14.3.6 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>14.4 Where security as a variable construction guarantee of ten percent (10%) of the contract sum (excluding VAT) has been selected:</p> <p>14.4.1 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 twenty-one (21) calendar days from commencement date</p> <p>14.4.2 The variable construction guarantee shall reduce and expire in terms of the Variable Construction Guarantee form included in the invitation to tender</p> <p>14.4.3 The employer shall return the variable construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.4.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall issue a written demand in terms of the variable construction guarantee</p>				
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<p>14.5 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>14.5.1 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>14.5.2 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>14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring</p> <p>14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8 (A) and 34.8</p> <p>14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, 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 may do both</p> <p>14.6 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>14.6.1 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 twenty-one (21) calendar days from commencement date</p> <p>14.6.2 Within twenty-one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor</p> <p>14.6.3 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(A)</p>				
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	<p>14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both</p> <p>14.7 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>14.7.1 The payment reduction of the value certified in a payment certificate shall be <i>mutatis mutandi</i> in terms of 31.8(B)</p> <p>14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employer's entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor</p> <p>14.8 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>14.9 Should the contractor fail to furnish the security in terms of 14.2, 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 per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
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	<u>EXECUTION</u>				
A	<p>A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS</p> <p>Clause 15.0</p> <p>Clause 15.1.1 is amended by replacing it with:</p> <p>No Clause</p> <p>Clause 15.1.2 is amended by replacing it with:</p> <p>The security selected in terms of 14.0</p> <p>Clause 15.1 is amended by the addition of the following clause:</p> <p>15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) calendar days of commencement date</p> <p>Clause 15.2.1 is amended by replacing it with the following clause:</p> <p>Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.2 and 15.1.4</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
B	<p>A16.0 ACCESS TO THE WORKS</p> <p>Clause 16.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
C	<p>A17.0 CONTRACT INSTRUCTIONS</p> <p>Clause 17.0</p> <p>Clause 17.1.11 is amended by deleting the words "and the appointment of nominated and selected subcontractors"</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
	Carried to Collection				
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>PRELIMINARIES</p> <p>MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022</p> <p>PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				
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A	<p>A18.0 SETTING OUT OF THE WORKS</p> <p>Clause 18.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>A19.0 ASSIGNMENT</p> <p>Clause 19.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>A20.0 NOMINATED SUB-CONTRACTORS</p> <p>Clause 20.0</p> <p>Clause 20.1.3 is amended by replacing it with the following:</p> <p>No Clause</p> <p>Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>A21.0 SELECTED SUBCONTRACTORS</p> <p>Clause 21.0</p> <p>Clause 21 is amended by replacing it with:</p> <p>No Clause</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
E	<p>A22.0 EMPLOYER'S DIRECT CONTRACTORS</p> <p>Clause 22.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
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A	<p>A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS</p> <p>Clause 23.0</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p><u>COMPLETION</u></p>		Item		
B	<p>A24.0 PRACTICAL COMPLETION</p> <p>Clause 24.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>A25.0 WORK'S COMPLETION</p> <p>Clause 25.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>A26.0 FINAL COMPLETION</p> <p>Clause 26.0</p> <p>Clause 26.1.2is amended by inserting "#" next to 26.1.2</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
E	<p>A27.0 LATENT DEFECTS LIABILITY PERIOD</p> <p>Clause 27.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
F	<p>A28.0 SECTIONAL COMPLETION</p> <p>Clause 28.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
	Carried to Collection				R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION</p> <p>Clause 29.0</p> <p>Clause 29.2.5 is amended by replacing it with:</p> <p>No clause</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
B	<p>A30.0 PENALTY FOR NON-COMPLETION</p> <p>Clause 30.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
	<u>PAYMENT</u>				
C	<p>A31.0 INTERIM PAYMENT TO THE CONTRACTOR</p> <p>Clause 31.0</p>				
D	<p>Clause 31.5.2 is amended by replacing "14.7.1"t with "14.0"</p> <p>Clause 31.8 is amended by replacing it with the following two alternative clauses:</p> <p>Alternative A</p> <p>31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(A).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p>				
	Carried to Collection				
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>PRELIMINARIES</p> <p>MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022</p> <p>PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				
					R

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>31.8(A).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6</p> <p>31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>Alternative B</p> <p>31.8(B) Where security is a payment reduction in terms of 14.7 the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments:</p> <p>31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion</p> <p>31.8(B).2 Ninety-seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion</p> <p>31.8(B).3 Ninety-nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6</p> <p>31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate</p> <p>Clause 31.12 is amended by deleting the following:</p> <p>Payment shall be subject to the employer giving the contractor a tax invoice for the amount due</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				<p style="text-align: right;">R</p>

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>A32.0 ADJUSTMENT TO THE CONTRACT VALUE</p> <p>Clause 32.0</p> <p>Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence:</p> <p>"due to no fault of the contractor"</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>A33.0 RECOVERY OF EXPENSE AND LOSS</p> <p>Clause 33.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
C	<p>A34.0 FINAL ACCOUNT AND FINAL PAYMENT</p> <p>Clause 34.0</p> <p>Clause 34.1 is amended by removing "#" next to 34.1</p> <p>Clause 34.2 is amended by removing "#" next to 34.2</p> <p>Clause 34.8 is amended by deleting the words "where security as a fixed construction guarantee in terms of 14.4 has been selected or where payment reduction has been applied in terms of 14.7.1"</p> <p>Clause 34.13 is amended by replacing "seven (7) calendar days" with "twenty-one (21) calendar days" and deleting the words "subject to the employer giving the contractor a tax invoice for the amount due"</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>A35.0 PAYMENT TO OTHER PARTIES</p> <p>Clause 35.0</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
	Carried to Collection				R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>Clause 37.0 is amended by the addition of the following clause:</p> <p>37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p>A38.0 CANCELLATION BY CONTRACTOR - EMPLOYER'S DEFAULT</p> <p>Clause 38.0</p> <p>Claues 38.5.4 is amended by replacing "ninety (90) with "one hundred and twenty (120)"</p> <p>Clause 38.0 is amended by the addition of the following clause:</p> <p>38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
	Carried to Collection			R	
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>A39.0 CANCELLATION - CESSATON OF THE WORKS</p> <p>Clause 39.0</p> <p>Claues 39.3.5 is amended by the addition of the following at the end of the sentence "within one hundred and twenty (120) working days of completion of such a report"</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p><u>DISPUTE</u></p>		Item		
B	<p>A40.0 DISPUTE SETTLEMENT</p> <p>Clause 40.0</p> <p>Clause 40.2.2 is amended by replacing “one (1) year” with “three (3) years”</p> <p>Clause 40.6 is amended by removing the reference to:</p> <p>No clause</p> <p>Clause 40.7.1 is amended by replacing “(10)” with “(15)” and by the addition of the following:</p> <p>Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p><u>SUBSTITUTE PROVISIONS</u></p>		Item		
C	<p>A41.0 STATE CLAUSES</p> <p>Clause 41.0</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p><u>CONTRACT VARIABLES</u></p>		Item		
Carried to Collection					R
<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>					

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>THE SCHEDULE (DPW-04EC)</u>				
A	<p>A42 PRE-TENDER INFORMATION</p> <p>Clause 42.0</p> <p>Tenderers are referred to the Contract Data DPW-04(EC) for variables pertaining to this contract</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
	<u>SECTION B: JBCC PRELIMINARIES</u>				
	<u>B1.0 DEFINITIONS AND INTERPRETATION</u>				
B	<p>B1.1 <i>Definitions and interpretation</i></p> <p>See also clause A1.0 of Section A for additional and/or amended definitions which shall apply to this Section</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
	<u>B2.0 DOCUMENTS</u>				
C	<p>B2.1 <i>Checking of documents</i></p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>B2.2 <i>Provisional bills of quantities</i></p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
E	<p>B2.3 <i>Availability of construction documentation</i></p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
F	<p>B2.4 <i>Interests of agents</i></p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
G	<p>B2.5 <i>Priced documents</i></p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
	Carried to Collection				R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>B2.6 Tender submission</p> <p>Clause 2.6 is amended by replacing "JBCC Form of Tender" with "Form of Offer and Acceptance DPW-07(EC)"</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p><u>B3.0 THE SITE</u></p>				
B	<p>B3.1 Defined works area</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>B3.2 Geotechnical investigation</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>B3.3 Inspection of the site</p> <p>Tenderers shall attend a compulsory Site Inspection as set out in the "Tender Data" and shall provide their full particulars as per the register provided on site.</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
E	<p>B3.4 Existing premises occupied</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
F	<p>B3.5 Previous work - dimensional accuracy</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
G	<p>B3.6 Previous work - defects</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
H	<p>B3.7 Services - known</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
J	<p>B3.8 Services - unknown</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
Carried to Collection					R
<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>					

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	B3.9 Protection of trees Fixed: _____ Value: _____ Time: _____		Item		
B	B3.10 Articles of value Fixed: _____ Value: _____ Time: _____		Item		
C	B3.11 Inspection of adjoining properties Fixed: _____ Value: _____ Time: _____		Item		
	<u>B4.0 MANAGEMENT OF CONTRACT</u>				
D	B4.1 Management of the works Fixed: _____ Value: _____ Time: _____		Item		
E	B4.2 Programme for the works Fixed: _____ Value: _____ Time: _____		Item		
F	B4.3 Progress meetings Fixed: _____ Value: _____ Time: _____		Item		
G	B4.4 Technical meetings Fixed: _____ Value: _____ Time: _____		Item		
H	B4.5 Labour and plant records Fixed: _____ Value: _____ Time: _____		Item		
	<u>B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS</u>				
J	B5.1 Samples of materials Fixed: _____ Value: _____ Time: _____		Item		
K	B5.2 Workmanship samples Fixed: _____ Value: _____ Time: _____		Item		
	Carried to Collection				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	B5.3 Shop drawings Fixed: _____ Value: _____ Time: _____		Item		
B	B5.4 Compliance with manufacturer's instructions Fixed: _____ Value: _____ Time: _____		Item		
	<u>B6.0 TEMPORARY WORKS AND PLANT</u>				
C	B6.1 Deposits and fees Fixed: _____ Value: _____ Time: _____		Item		
D	B6.2 Enclosure of the works Fixed: _____ Value: _____ Time: _____		Item		
E	B6.3 Advertising Fixed: _____ Value: _____ Time: _____		Item		
F	B6.4 Plant, equipment, sheds and offices Fixed: _____ Value: _____ Time: _____		Item		
G	B6.5 Main notice board Fixed: _____ Value: _____ Time: _____		Item		
H	B6.6 Subcontractors' notice board Fixed: _____ Value: _____ Time: _____		Item		
	<u>B7.0 TEMPORARY SERVICES</u>				
J	B7.1 Location Fixed: _____ Value: _____ Time: _____		Item		
K	B7.2 Water Fixed: _____ Value: _____ Time: _____		Item		
	Carried to Collection			R	
	Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	B7.3 Electricity Fixed: _____ Value: _____ Time: _____		Item		
B	B7.4 Telecommunication facilities Fixed: _____ Value: _____ Time: _____		Item		
C	B7.5 Ablution facilities Fixed: _____ Value: _____ Time: _____		Item		
	<u>B8.0 PRIME COST AMOUNTS</u>				
D	B8.1 Responsibility for prime cost amounts Fixed: _____ Value: _____ Time: _____		Item		
	<u>B9.0 ATTENDANCE ON N/S SUBCONTRACTORS</u>				
E	B9.1 General attendance Fixed: _____ Value: _____ Time: _____		Item		
F	B9.2 Special attendance Fixed: _____ Value: _____ Time: _____		Item		
G	B9.3 Commissioning - fuel, water and electricity Fixed: _____ Value: _____ Time: _____		Item		
	<u>B10.0 FINANCIAL ASPECTS</u>				
H	B10.1 Statutory taxes, duties and levies Fixed: _____ Value: _____ Time: _____		Item		
J	B10.2 Payment for preliminaries Fixed: _____ Value: _____ Time: _____		Item		
	Carried to Collection				R
	Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>B10.3 Adjustment of preliminaries</p> <p>Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "when submitting his priced bills of quantities / lump sum document"</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
B	<p>B10.4 Payment certificate cash flow</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
	<u>B11.0 GENERAL</u>				
C	<p>B11.1 Protection of the works</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
D	<p>B11.2 Protection / isolation of existing / sectionally occupied works</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
E	<p>B11.3 Security of the works</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
F	<p>B11.4 Notice before covering work</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
G	<p>B11.5 Disturbance</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
H	<p>B11.6 Environmental disturbance</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
J	<p>B11.7 Works cleaning and clearing</p> <p>Fixed: _____ Value: _____ Time: _____</p>				
	Carried to Collection				R
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	B11.8 Vermin Fixed: _____ Value: _____ Time: _____		Item		
B	B11.9 Overhand work Fixed: _____ Value: _____ Time: _____		Item		
C	B11.10 Instruction manuals and guarantees Fixed: _____ Value: _____ Time: _____		Item		
D	B11.11 As built information Fixed: _____ Value: _____ Time: _____		Item		
E	B11.12 Tenant installations Fixed: _____ Value: _____ Time: _____		Item		
	<u>B12.0 SCHEDULE OF VARIABLES</u>				
F	Schedule of Variables Fixed: _____ Value: _____ Time: _____ This schedule contains all variables referred to in this document and is divided into pretender and post-tender categories. The pre-tender category must be completed in full and included in the tender documents. Both the pre-tender and post-tender categories form part of these Preliminaries . Spaces requiring information must be filled in, shown as “not applicable” or deleted and not left blank. Where choices are offered, the non-applicable items are to be deleted. Where insufficient space is provided the information should be annexed hereto and cross-referenced to the applicable clause of the schedule . Key cross reference clauses are italicised in [/] brackets 12.1 PRE TENDER INFORMATION 12.1.1 Provisional Bills of Quantities [2.2] The quantities are provisional NO		Item		
	Carried to Collection				R
	Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<i>Item No</i>		<i>Unit</i>	<i>Quantity</i>	<i>Rate</i>	<i>Amount</i>
12.1.2	Availability of construction documentation [2.3] Construction of documentation is complete YES				
12.1.3	Interest of agents [2.4] Details: No specific requirements.				
12.1.4	Defined works area [3.1] Details: Refer to Contract Data for Scope of Works and Site Information. The precise area to be occupied by the Contractor on site will be determined at site handover.				
12.1.5	Geotechnical investigation [3.2] Details: No Geotechnical Investigations Report is attached to this tender document.				
12.1.6	Existing premises occupied [3.4] Specific requirements:				
12.1.7	Previous work - dimensional accuracy [3.5] Details:				
12.1.8	Previous work - defects [3.6] Details: No specific requirements.				
12.1.9	Services - known [3.7] Details:				
12.1.10	Protection of trees [3.9] Specific requirements: No specific requirements.				
12.1.11	Inspection of adjoining properties [3.11] Specific requirements:				
12.1.12	Enclosure of the works [6.2] Specific requirements: The front part of the site shall have temporary hoarded and all precautions to be implemented that no dust reach the occupied areas of the building. A hoarding plan to be attached to these bills of quantities. which shall be left on site upon completion of works.				
Carried to Collection					R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p>12.1.13 Offices [6.4.3] Specific requirements: The contractor shall provide, maintain and remove on completion of the works an office for the exclusive use of the principal agent, minimum size 4 x 3 x 3m high internally, suitably insulated and ventilated, provided with electric lighting and fitted with boarded floor, desk, chair, drawing stool, drawing board and lock-up drawers for drawings. The office shall be kept clean and fit for use at all times.</p> <p>The contractor shall provide his own standard storage container size 6200 x 3000mm wide including "union 3142" padlock and keys for the duration of the contract including delivery to site, placing in position and removal on completion of the contract.</p>				
	<p>12.1.14 Main notice board [6.5] Specific requirements: The contractor shall provide, erect where directed, maintain and remove on completion of the works a notice board size 3 x 3m as type Drawing GEN 063, constructed of suitable boarding with flat smooth surface and with edging bead 19mm thick round outer edges and projecting 12mm from face of boarding and rounded on front edge. The board shall be securely fixed to hoarding, where hoarding is provided, or fixed to and including a suitable supporting structure of timber or tubular posts and braces. The board is to be painted ivory white and the bead and 12mm wide dividing lines dark green. All wording shall be inscribed in dark green as per the coat of arms for SA. All wording shall be inscribed in dark green painted sans serif lettering.</p>				
	<p>12.1.15 Subcontractors' notice board [6.6] A notice board is required NO Specific requirements:</p>				
	<p>Carried to Collection</p>			R	
	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
12.1.16	Water				
[7.2]	Option A (by contractor)				
		YES			
	Option B (by employer - free of charge)				
		NO			
	Option C (by employer - metered)				
		NO			
12.1.17	Electricity				
[7.3]	Option A (by contractor)				
		YES			
	Option B (by employer - free of charge)				
		NO			
	Option C (by employer - metered)				
		NO			
12.1.18	Telecommunications				
[7.4]	Telephone				
		YES			
	Facsimile				
		YES			
	E-mail				
		YES			
12.1.19	Ablution facilities				
[7.5}	Option A (by contractor)				
		YES			
	Option B (by employer)				
		NO			
12.1.20	Protection of existing/sectionally occupied works				
[11.2]	Protection is required				
		YES			
12.1.21	Special attendance				
[9.2]	Subcontractor (1) details:				
	Subcontractor (2) details:				
	Subcontractor (3) details:				
	Subcontractor (4) details:				
	Carried to Collection				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
12.1.22	Protection of works [11.1] Specific requirements:				
12.1.23	Disturbance [11.5] Specific requirements: 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				
12.1.24	Environmental disturbance [11.6] Specific requirements:				
12.2	POST-TENDER INFORMATION				
12.2.1	Payment of preliminaries [10.2] Option A (prorated)				
	Option B (calculates)			YES/NO	
				YES/NO	
12.2.2	Adjustment of preliminaries [10.3] Option A (three categories)				
	Option B (detailed breakdown)			YES/NO	
				YES/NO	
12.2.3	Additional agreed preliminaries items Details:				
<u>SECTION C: SPECIFIC PRELIMINARIES</u>					
Carried to Collection					R
Section No. 1					
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>C3.0 TRADE NAMES</p> <p>Wherever a trade name for any product has been described in the bills of quantities/ lump sum document, the tenderer’s attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>C4.0 IMPORTED MATERIALS AND EQUIPMENT</p> <p>Where imported items are listed in the tender documents, the tenderer shall provide all the information called for, failing which the price of any such item, materials or equipment shall be excluded from currency fluctuations. (refer to Schedule of Imported Materials and Equipment DPW-23(EC) to be completed by tenderer)</p> <p>Notwithstanding any provisions elsewhere regarding the adjustment of contract prices, the price of any item, material or equipment listed in terms of this clause shall be excluded from the Contract Price Adjustment Provisions (if applicable)</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>C5.0 VIEWING THE SITE IN SECURITY AREAS</p> <p>The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the site for tendering purposes</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>C6.0 COMMENCEMENT OF WORKS IN SECURITY AREAS</p> <p>As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works. Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>C7.0 ENTRANCE PERMITS TO SECURITY AREAS</p> <p>As the works falls within a security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>C8.0 SECURITY CHECK OF PERSONNEL</p> <p>The principal agent may require the contractor to have his personnel and workmen, or a certain number of them, security classified</p> <p>In the event of the principal agent requesting the removal of a person or persons from the works for security reasons, the contractor shall do so forthwith and shall thereafter ensure that such person or persons are denied access to the works and the site and/or to any document or information relating to the works</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
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	<p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>C9.0 PROHIBITION ON TAKING OF PHOTOGRAPHS</p> <p>In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited to sketch or to take photographs of any military site or installation or any building or civil works thereon or to be in possession of a camera or other apparatus used for taking of photographs except when authorized thereto by or on behalf of the Minister</p> <p>The same prohibition is also applicable to all correctional institutions in terms of article 44.1(e) of the Correctional Services Act 8 of 1959</p> <p>Fixed: _____ Value: _____ Time: _____</p> <p>C10.0 HIV/AIDS AWARENESS</p> <p>It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the Bills of Quantities/ lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained</p> <p>The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>		Item		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>C10.1 AWARENESS CHAMPION</p> <p>Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>C10.2 AWARENESS WORKSHOPS</p> <p>Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
C	<p>C10.3 POSTERS, BOOKLETS, VIDEOS, ETC.</p> <p>Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
D	<p>C10.4 ACCESS TO CONDOMS</p> <p>Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	<p>C10.5 MONITORING</p> <p>Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification</p> <p>Fixed: _____ Value: _____ Time: _____</p>		Item		
B	<p>C11.0 OCCUPATIONAL HEALTH AND SAFETY ACT</p> <p>The contractor shall comply with all the requirements as set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document</p> <p>The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment</p> <p>The contractor shall prepare and submit the following COVID19 documentation;</p> <p>COVID19 file and inclusion of a COVID19 Plan in it that must be based on the COVID19 Specifications issued</p> <p>COVID19 file and inclusion of a COVID19 screening forms</p> <p>COVID19 file and inclusion of a COVID19 Risk Assessment, Toolbox Talks and communication sheets.</p> <p>COVID19 file and inclusion of a COVID19 Induction and policy.</p> <p style="text-align: center;">Carried to Collection</p>				
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PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

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<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>View site</u></p> <p>Before submitting his tender the contractor 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 contained in the buildings or portions of the buildings to be demolished. 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</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 1 ALTERATIONS MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				R

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>General</u></p> <p>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 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</p> <p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p> <p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and re-hanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, 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</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing</p> <p>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</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>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)</p>				
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>REMOVAL OF EXISTING WORK</u>					
<u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement</u>					
A	150mm Thick surface beds	m2	24		
<u>Breaking down and removing brickwork etc</u>					
B	Half brick walls	m2	21		
C	One brick walls	m2	7		
D	One and a half brick walls	m2	10		
<u>Taking out and removing doors, windows, etc from brickwork to be demolished</u>					
E	Timber single door from timber door frame 813 x 2032mm high	No	2		
F	Timber single door from timber door frame 900 x 2100mm high	No	1		
G	Aluminium door 2240 x 3260mm high	No	2		
H	Aluminium door 2700 x 2800mm high	No	1		
J	Glazed Aluminium window 2500 x 2100mm high	No	1		
K	Glazed Aluminium window 4600 x 2100mm high	No	1		
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>					
L	Plastered gypsum plasterboard suspended ceilings including cornices, suspension grid, hangers, etc	m2	175		
M	Timber partitions 2720mm high	m	8		
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	<u>Taking out and removing sundry joinery fittings etc</u>				
A	Timber bench 500mm wide x 450mm high	m	9		
B	Timber wall cupboard 1800 x 450 x 600mm high	No	2		
C	Timber floor cupboard 1800 x 450 x 900mm high	No	2		
D	Timber counter 2500 x 700 x 900mm high	No	1		
E	Timber counter 4500 x 700 x 900mm high	No	1		
F	Tender box 1000 x 1000 x 900mm high	No	2		
	<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>				
G	Vinyl tile floor covering including preparing screed for new vinyl tiles floor covering	m2	17		
H	Carpet tile floor covering including preparing screed for new carpeting	m2	22		
J	Wood block floor covering	m2	11		
	<u>Taking off and removing wall paper from existing walls and prepare surfaces for new finish</u>				
K	Wallpaper from walls	m2	35		
	<u>Taking out and removing electrical appliances including making good damaged wall finishes</u>				
L	Electrical appliance plugged to walls	No	5		
M		No	1		
	<u>Taking out/off and removing sundry metalwork</u>				
N	Aluminium skirting, plugged to walls	m	159		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>				
A	Tiles to floors	m2	125		
B	Tiles to walls	m2	2		
	<u>Taking out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
C	50mm Galvanised steel piping including fittings and brackets	m	10		
D	Stainless steel sink and drainer including timber cupboard 1600 x 600 x 900mm high	No	1		
	<u>BUILDING UP OPENINGS</u>				
	<u>Brickwork in NFP bricks in class II mortar in building up openings, including bonding new to existing and making good cement plaster on both side(s) (making good paintwork elsewhere)</u>				
E	Opening 813 x 2032mm high overall in half brick wall	No	2		
	<u>Sundries</u>				
F	Cutting toothings and bonding new brickwork to existing	m2	4		
	<u>MAKING GOOD OF FINISHES, ETC</u>				
	<u>Making good face brickwork</u>				
G	Faces of walls where half brick cross walls removed	m	8		
H	Faces of walls where one brick cross walls removed	m	3		
	<u>Making good internal cement plaster</u>				
J	Walls where half brick walls removed	m2	2		
K	Walls where one brick walls removed	m2	2		
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	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>MASONRY</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
	<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>Sizes in descriptions</u></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p><u>Hollow walls, etc</u></p> <p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 2 MASONRY MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			R	

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	<p><u>Wall ties</u></p> <p>Wall ties shall be "Joluka Posi-ties Type PTT 4 Ref: 8312" or similar approved. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the brickwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><u>Pointing</u></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p> <p><u>BLOCKWORK</u></p> <p><u>Concrete masonry units</u></p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7 MPa</p> <p><u>Wall ties for blockwork</u></p> <p>Wall ties shall be "Joluka Posi-ties Type PTT 4 Ref: 8312" or similar approved. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p><u>Blockwork</u></p> <p>Blockwork shall comply with SABS 0145 "Concrete Masonry Construction"</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 2 MASONRY MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				<p style="text-align: right;">R</p>

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	Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole				
	<u>Standard complementary blocks</u>				
	Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary				
	<u>FOUNDATIONS (PROVISIONAL)</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar</u>				
A	One brick walls	m2	10		
	<u>SUPERSTRUCTURE</u>				
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar</u>				
B	Half brick walls	m2	20		
C	One brick walls	m2	42		
	<u>BRICKWORK SUNDRIES</u>				
	<u>Brickwork reinforcement</u>				
D	75mm Wide reinforcement built in horizontally	m	58		
E	150mm Wide reinforcement built in horizontally	m	156		
	<u>Prestressed fabricated lintels</u>				
F	100 x 70mm Lintels in lengths not exceeding 3m	m	11		
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<u>Item No</u>	<u>Turning pieces</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	90mm Wide turning piece to lintels etc	m	7		
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	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 3</u></p> <p><u>WATERPROOFING</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
	<p><u>DAMPPROOFING OF WALLS AND FLOORS</u></p> <p><u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</u></p>				
A	In walls	m2	2		
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	<p>Section No. 2 Bill No. 3 WATERPROOFING MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

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<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 4</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Particle board</u></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p> <p><u>Joinery</u></p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p>				
<p>Carried to Collection</p>				R
<p>Section No. 2 Bill No. 4 CARPENTRY AND JOINERY MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p><u>Decorative laminate finish</u></p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p>				
	<p><u>DOORS ETC</u></p> <p><u>Wrought meranti flush panel semi-solid doors</u></p>				
A	44mm Single door 813 x 2032mm high (D5/1)	No	2		
	Carried to Collection				R
	<p>Section No. 2 Bill No. 4 CARPENTRY AND JOINERY MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

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Bill No. 4

CARPENTRY AND JOINERY

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Bill No. 4

CARPENTRY AND JOINERY

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 5</u></p> <p><u>CEILINGS, PARTITIONS, ACCESS FLOORING</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere</p> <p><u>SUSPENDED CEILINGS</u></p> <p><u>Proprietary suspended ceilings</u></p> <p>Note: Electrical light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance must be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)</p>				
<p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 5 CEILINGS, PARTITIONS, ACCESS FLOORING MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			R	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	----- "RHINOCEIL" <u>1200 x 600 x 12.5mm thick " Gyproc Gyptone Point 11" or similar approved acoustic ceiling system in pre-finished white tiles with 6.5mm round perforations backed by special sound absorbent tissue. Gyptone ceiling tiles fixed onto Donn T38 FR exposed grid system including main and cross tees, necessary hangers, grids, etc</u>				
A	Ceilings suspended not exceeding 1m below concrete soffits	m2	13		
B	Extra over ceiling for opening for 100mm diameter downlighter (Provisional)	No	1		
C	Extra over ceiling for opening for 1200 x 600mm light fitting (Provisional)	No	1		
D	Attic stock: Deliver to the stores of the Client attic stock in clearly labelled and strapped boxes (Provisional)	m2	3		
	<u>THE FOLLOWING IN BULKHEADS</u> <u>12.5mm Gyproc Rhinoceil Premiere S direction plastered ceiling Taper-edge Rhinoboard fixed print side up with 25mm streaker screws @ 150mm c/c on steel battens @ 600mm c/c in one direction, all fixed to trusses @ maximum 1000mm c/c. All joints (double over butt joints) and Rhinotape fixed over joints (double over butt joints) and then plaster, all fixed to trussed at centres not exceeding 1000mm in accordance with manufacturer's recommendations</u>				
E	Horizontal portion of bulkheads 615mm wide, suspended not exceeding 1m below concrete soffits	m	5		
F	Vertical portion of bulkheads 150mm high, suspended not exceeding 1m below concrete soffits	m	9		
	Carried to Collection				R
	Section No. 2 Bill No. 5 CEILINGS, PARTITIONS, ACCESS FLOORING MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	"DONNCEIL"				
	<u>Masonite/Armstrong Prima Fine Fissured White Tegular edged ceiling tiles, size: 600 x 600 x 15mm thick, panels laid on 15mm wide Armstrong Trulok Prelude XL/TL 24mm at 1200mm centres with cross tees between each tile, incl. hold-down clips, etc., all suspended with galvanised hangers not exceeding 1200mm centres</u>				
	Ceilings suspended not exceeding 1m below concrete soffits	m2	162		
A	Extra over ceiling for opening for 100mm diameter downlighter	No	8		
B		No	8		
C	Attic stock: Deliver to the stores of the Client attic stock in clearly labelled and strapped boxes (Provisional)	m2	24		
	<u>Cornices to suspended ceilings</u>				
D	25 x 19 x 15 x 15mm Shadowline wall angle cornice plugged and screwed to brickwork or concrete	m	159		
	<u>PARTITIONS SYSTEMS</u>				
	<u>Drywall gypsum board partition systems</u>				
	Drywall partitioning shall comprise galvanised steel top and bottom tracks and natural anodised aluminium head channel, vertical studs at maximum 600mm centres, friction fitted or pop-riveted to top and bottom track with 0,6mm galvanised steel sheeting on one side and covered on both sides with 12,5mm gypsum plasterboard, screwed to studding with 25mm Drywall screws at maximum 220mm centres				
	Boards are to have staggered butt joints and the joints are to be finished with 48mm wide tape and two coats jointing compound applied in strict accordance with the manufacturers instructions				
	All screw heads are to be spotted and all areas of jointing compound shall receive one coat plaster primer before finishing				
	Carried to Collection				R
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	CEILINGS, PARTITIONS, ACCESS FLOORING				
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
	PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	Finishes to partitioning are measured elsewhere				
	<p style="text-align: center;">_____</p> <p><u>89mm "Lafarge Gypsum" or similar approved drywall partitioning system, comprising of internal framing formed of 64mm lafarge galvanised steel track or female aluminium head section and Lafarge galvanised floor tracks, including where necessary any additional galvanised steel studding to form door openings, glazing and other apertures, angles, corners and termination ends. internal steel framing to be dressed on both sides with 12mm thick tapered edge Lafarge plasterboard in single length to suite height, butt jointed and secured to steel studding tapped and jointed with Lafarge Jointing Compound and flushed over with skim plaster, leaving it prepared for decoration. All exposed aluminium door frames, glazing to be formed of colour anodised (colour to be specified) aluminium sections. Installation to be in accordance with SABISA installation guidelines</u></p>				
A	Partitioning 2720mm high with bottom plugged and top track screwed fixed to suspended ceiling tees	m	7		
B	Extra over partition 2720mm high for vertical abutment	No	2		
	<u>Insulation</u>				
C	63mm Thick cavitybatt insulation of density 14kg/m3 (progressively as boarding proceeds) between the studs with the glasswool tissue facing the installer. Fit securely with close butted joints, leaving no gaps	m2	19		
	Carried to Collection				R
	Section No. 2				
	Bill No. 5				
	CEILINGS, PARTITIONS, ACCESS FLOORING				
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
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Building Works

Bill No. 5

CEILINGS, PARTITIONS, ACCESS FLOORING

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Bill No. 5

CEILINGS, PARTITIONS, ACCESS FLOORING

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>FloorworX: "Elite" PUR or similar approved fully flexible vinyl flooring sheeting 2m wide x 2mm thick in "Storm" finish (colour code: FEL093), manufactured in accordance with EN 649, laid in FloorworX No. 62 acrylic adhesive, spread with a notched towel on suitably prepared Class 1 sub-floor in accordance with SANS 10070 (elsewhere measured) with a hygrometer reading howing a moisture content of less than 70% with joints welded with a fully flexible coloured " FloorworX Welding Rod" to provide asmooth hygenic sealed finish and rolled with 68kg three section metal roller on completion</u>				
A	On floors	m2	143		
B	Turn-ups over coves and up against walls not exceeding 500mm girth	m	159		
C	Attic stock: Deliver to the stores of the Client attic stock in clearly labelled and strapped boxes (Provisional)	m2	9		
	<u>Sundries to vinyl sheeting</u>				
D	100mm high (code: MCB100) "FloorworX " Extruda vinyl skirting fixed with FloorworX No.71	m	159		
E	Attic stock: Deliver to the stores of the Client attic stock in clearly labelled and strapped boxes (Provisional)	m	16		
	<u>WALL LININGS</u>				
	<u>PG Bison 16mm thick Formica B13 Composite board in American Walnut Loglare, consisting of a Formica High Pressure Laminate bonded to a substrate with laminated on one side backer, constructed in accordance with the drawings</u>				
F	On walls	m2	168		
	<u>POLISH, SEALERS, ETC</u>				
G	Three coats wax polish on vinyl flooring	m2	143		
H	Three coats wax polish on rubber flooring	m2	19		
	Carried to Collection				R
	Section No. 2				
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	FLOOR COVERINGS, WALL LININGS, ETC				
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
	PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	Three coats wax polish on turn-ups over coves and up against walls not exceeding 500mm girth	m	159		
	Carried to Collection				R
	Section No. 2 Bill No. 6 FLOOR COVERINGS, WALL LININGS, ETC MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

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Building Works

Bill No. 6

FLOOR COVERINGS, WALL LININGS, ETC

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Bill No. 6

FLOOR COVERINGS, WALL LININGS, ETC

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>IRONMONGERY</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
	<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Finishes to ironmongery</u></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:</p> <p>BS - Satin bronze lacquered CH Chromium plated SC - Satin chromium plated SE - Silver enamelled GE - Grey enamelled AS - Anodised silver AB - Anodised bronze AG - Anodised gold ABL - Anodised black PB - Polished brass PL - Polished and lacquered PT - Epoxy coated SD - Sanded</p>				
	<p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 7 IRONMONGERY MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			R	

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>HINGES, BOLTS, ETC</u>				
A	100 x 73 x 3mm Aluminium flush hinge	No	6		
B	100 x 73 x 3mm stainless standard DORMAKABA butt hinges. Code: DBB-SS-009	No	2		
	<u>LOCKS</u>				
	The following locks are to be suitable for master key operation				
	The following locks are to be suitable for master and grand master key operation				
	<u>'DORMAKABA' or similar approved</u>				
C	Stainless steel cylinder sash lockset. Case dimensions 116.mm x 78m. Forend dimensions 168 x 22mm. Basket 57mm. Centres 61mm. Code: D036S SS	No	3		
D	Cylinder mortise sash lock with lock case, stainless steel forend and knob cylinder master keyed. Code: D072EC	No	2		
E	DORMAKABA cylinder escutcheons. Code: DCE-002	No	10		
F	66mm Five pin satin nickel euro-profile double cylinder grand master keyed. Code: DDC106601 GMK	No	5		
	<u>HANDLES</u>				
	<u>'DORMAKABA' or similar approved</u>				
G	DORMAKABA Satin finish solid stainless steel spring loaded lever handles. Code: SH815	No	7		
H	325 x 25mm Stainless steel straight tubular handle flange fixing. Code: DPH301B	No	2		
	<u>DOOR CLOSERS</u>				
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	IRONMONGERY				
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
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Bill No. 7

IRONMONGERY

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Bill No. 7

IRONMONGERY

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 8</u></p> <p><u>METALWORK</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
	<p><u>WELDED SCREENS, GATES, ETC</u></p>				
	<p>Carried to Collection</p>				R
	<p>Section No. 2 Bill No. 8 METALWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>Purpose made bronze anodised aluminium windows with 30 x 50mm frame (Class A2) glazed with 6.38mm thick clear laminated safety glass with clip-on glazing beads with seals, plugged to brickwork or concrete. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and in accordance with NBR parts B, N, T, SANS 10137, SANS 10400 and SANS 1263. All aluminium sections shall be fabricated from alloy 6063 or 6061 or temper T5 or T6 all in accordance with the latest edition of BS EN 755. Anodising shall be in strict accordance with SANS 999 with AA15 anodising grade</u></p>				
A	Window size 500 x 1445mm high (W2/1)	No	1		
B	Window size 2395 x 830mm high (W1/1)	No	1		
	<p><u>ASSA ABLOY FRAME Sliding door system, with two sliding doors leafs and fixed to sidelights size 675 x 2600mm high each on either side of the sliding double doors, complete with ASSA ABLOY SL500 operator providing automated operation of the two sliding door leafs and all fixed with 8mm thick laminated safety glass with clip-on glazing beads with seals, plugged to brickwork or concrete. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and in accordance with NBR parts B, N, T, SANS 10137, SANS 10400 and SANS 1263</u></p>				
C	Door size 2700 x 2800mm high (D1/1) 24327	No	1		
	Carried to Collection				R
	<p>Section No. 2 Bill No. 8 METALWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>Purpose made bronze anodised aluminium single swing doors with 50 x 40mm frame (Class A2) including sidelights, etc. and all fixed with 6.38mm thick clear laminated safety glass with clip-on glazing beads with seals, plugged to brickwork or concrete. Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and in accordance with NBR parts B, N, T, SANS 10137, SANS 10400 and SANS 1263. All aluminium sections shall be fabricated from alloy 6063 or 6061 or temper T5 or T6 all in accordance with the latest edition of BS EN 755. Anodising shall be in strict accordance with SANS 999 with AA15 anodising grade</u></p>				
A	Door size 900 x 2100mm high with 1000 x 1100mm high fanlight(D2/1)	No	1		
B	Single door 900 x 2100mm high with 1120 x 900mm high sidelight (D4/1)	No	1		
C	Single door 900 x 2100mm high with 1120 x 900mm high fanlight and two sidelights 890 x 2220mm high each (SF/1)	No	1		
Carried to Collection					R
<p>Section No. 2 Bill No. 8 METALWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>					

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METALWORK

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Bill No. 8

METALWORK

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>SECTION NO. 2</u>				
	<u>BILL NO. 9</u>				
	<u>PLASTERING</u>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.				
	NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<u>SCREEDS</u>				
	<u>Screeds on concrete</u>				
A	30mm Thick on floors	m2	18		
	<u>SELF-LEVELLING SCREEDS</u>				
	<u>Prepare the surface to be clean, sound, free of cracks and dry and prime substrate with one coat UZIN NC 360 universal primer, mix UZIN NC 150 S with clean water until a homogenous mix has been achieved and apply 5mm thick UZIN NC 150 S levelling screed compounded evenly with trowel or rake and all in accordance with the manufacturer's instructions</u>				
B	5mm Thick on floors	m2	162		
	<u>INTERNAL PLASTER</u>				
	Carried to Collection				R
	Section No. 2 Bill No. 9 PLASTERING MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Cement plaster 10-15mm thick rendering with smooth finishing coat on brickwork as per SANS 2001 EM1 and all to comply with SANS 50413 Class MC 22.5X or MC 12.5</u>				
A	On walls	m2	80		
B	On narrow widths	m2	2		
	<u>Rhino glide to internal plastered walls and sand to give smooth finish. Treat all finished walls with bond agent all in accordance with the manufacturer's specification.</u>				
	<u>Where applicable flaking paint on the existing internal walls to be removed and plaster cracks to be sealed with CEMCRETE "Interior Crack Filler" or similar approved crack filler. All in accordance with the manufacturer's specification</u>				
C	On plastered walls	m2	51		
	<u>EXTERNAL PLASTER</u>				
	<u>One coat plaster on brickwork</u>				
D	On walls	m2	67		
E	On narrow widths	m2	1		
	<u>WALL AND CORNER PROTECTORS, DIVIDING STRIPS, ETC</u>				
	<u>Dividing strips, etc</u>				
F	3 x 25mm Flat section brass dividing strips between different floor finishes	m	3		
	Carried to Collection				R
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	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
	PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

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Building Works

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PLASTERING

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Bill No. 9

PLASTERING

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>150mm Wide "Union" or similar approved porcelain full bodied mosaics (purple) fixed and treated to manufacturer's specification, with 8 x 12mm aluminium M-trim edging (code: SQE 120.N) and bedded and flush pointed lush pointed with TAL tile grouting on brickwork or concrete (C.P R650/m2 ecl. VAT - for tiles)</u>				
A	On walls in isolated panels, splashbacks, etc	m2	1		
B	Attic stock: Deliver to the stores of the Client attic stock in clearly labelled and strapped boxes (Provisional)	m2	1		
Carried to Collection					R
Section No. 2 Bill No. 10 TILING MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE					

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TILING

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TILING

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 11</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p>NOTE: The contractor advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings The contractor must notify the Principal Agent.</p>				
	<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Concrete pipes</p> <p>Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings</p> <p>Vitrified clay pipes etc</p> <p>Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 2 Bill No. 11 PLUMBING AND DRAINAGE MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			R	

<i>Item No</i>		<i>Unit</i>	<i>Quantity</i>	<i>Rate</i>	<i>Amount</i>
	<p>uPVC pipes and fittings</p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p>uPVC pressure pipes and fittings</p> <p>Pipes for water supply shall be of the class stated</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p> <p>Copper pipes</p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground</p> <p>Lead pipes and traps</p> <p>All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel</p>				
	Carried to Collection				R
	<p>Section No. 2</p> <p>Bill No. 11</p> <p>PLUMBING AND DRAINAGE</p> <p>MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022</p> <p>PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p>Reducing fittings</p> <p>Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained</p> <p>Wire gratings</p> <p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p> <p>Reducing fittings</p> <p>Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained</p> <p>Exposed concrete surfaces</p> <p>Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster</p>				
	Carried to Collection				R
	<p>Section No. 2 Bill No. 11 PLUMBING AND DRAINAGE MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p>Excavations</p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling</p> <p>"Soft rock" and "hard rock" shall be as defined in "Earthworks"</p> <p>Laying, backfilling, bedding, etc of pipes</p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>Laying, backfilling, bedding, etc of pipes</p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding</p> <p>Flush pans</p> <p>Flush pans shall have straight or side outlets and "P" or "S" traps as necessary</p>				
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	<p>Section No. 2 Bill No. 11 PLUMBING AND DRAINAGE MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	Waste unions				
	Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings				
	Steel sectional water tanks				
	Tanks shall comply with SABS CKS 114				

	<u>PLUMBING</u>				
	<i>NOTE: All items in this section shall be deemed to fall into Work Group No.148 for CPAP formula purposes.</i>				

	<u>SANITARY FITTINGS</u>				
	<u>"Franke" or similar approved stainless steel</u>				
A	"Franke" Rhono Model RDX 610-44 stainless steel grade 304(18/10) single bowl sink (code: 820062) overall size 450mm diameter with (code: 1990013) with bowl size 450mm diameter x 157mm deep fitted onto cupboard (cupboard elsewhere measured), including 1 1/4" waste with plug , 38mm waste fitting and PVC trap (trap elsewhere measured)	No	1		
	"				
	<u>WASTE UNIONS ETC</u>				
	<u>"Cobra Watertech" or similar approved</u>				
B	32mm Sink waste union	No	1		
	<u>TRAPS ETC</u>				
	<u>uPVC</u>				
C	38mm Deep seal "P" or "S" trap	No	1		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>TAPS, VALVES, ETC</u>				
	<u>"Cobra Watertech" or similar approved</u>				
A	Cobra Watertech 15mm SA-870 Srata sink mixer single lever aerated swivel outlet and angle regulating valves including "1/2" BSP Female inlet as per SANS 1480 and all in accordance with the manufacturer's instructions	No	1		
B	25mm Ref: 1050-25 Cast brass in-line strainer with stainless steel strainer basket	No	1		
C	Cobratron 15mm touch free electronic control wash/basin faucet dual temperature with control lever, maximum temperature 70 degrees celsius and flexible connection tubes, connected to external 9V Litium battery pack (code: EL-3001), manufactured in accordance to SANS 1808-35:2004 including angle valves (code: 832-10)	No	1		
D	Cobratron electroic Trans Bat Box (code: EL-TRANS-UP)	No	1		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC pipes</u>				
E	50mm Pipes	m	11		
	<u>Extra over uPVC pipes for fittings</u>				
F	50mm Adaptor	No	1		
G	50mm Bend	No	1		
H	50mm Junction	No	1		
	<u>Sundries</u>				
J	Testing the sanitary plumbing system		Item		
	<u>WATER SUPPLY</u>				
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PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	Install	m	300		
	<u>25 mm Diameter</u>				
B	Supply	m	200		
C	Install	m	200		
	<u>DRAW BOXES</u>				
	<u>Supply and installation of pressed steel hot dipped galvanized boxes for sockets, draw boxes, etc. flush mounted in brickwork or cast into concrete connected to the conduit installation as specified</u>				
	<u>100 x 50 x 50mm boxes</u>				
D	Supply	No	10		
E	Install	No	10		
	<u>100 x 100 x 50mm boxes</u>				
F	Supply	No	30		
G	Install	No	30		
	<u>300 x 300 x 150mm boxes with coverplates</u>				
H	Supply	No			Rate Only
J	Install	No			Rate Only
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>100 x 100 x 50mm three-tier multigang</u>				
A	Supply	No			Rate Only
B	Install	No			Rate Only
	<u>Draw box coverplates with box lid fixing screws</u>				
C	Supply	No			Rate Only
D	Install	No			Rate Only
	<u>Blank 100 x 100 x 50mm coverplates</u>				
E	Supply	No	10		
F	Install	No	10		
	<u>Blank 100 x 50mm coverplates</u>				
G	Supply	No	10		
H	Install	No	10		4
	<u>1 to 4 way draw boxes 65mm diameter installation in brickwork or open ceilings complete with box lid fixing screws</u>				
J	Supply	No			Rate Only
K	Install	No			Rate Only
	<u>Round 65mm diameter x 50mm deep for 20mm conduit</u>				
L	Supply	No	30		
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	Install	No	30		
	<u>Round 65mm dia. x 50mm deep for 25mm conduit</u>				
B	Supply	No			Rate Only
C	Install	No			Rate Only
	<u>65mm diameter X 50mm deep for 20mm or 25mm conduit with 5A unswitched socket outlet</u>				
D	Supply	No	30		
E	Install	No	30		
	<u>SWITCH SOCKETS FOR FLUSH</u>				
	<u>Supply and installation of sockets installed in flush and galvanized draw boxes, complete with socket fixing screws</u>				
	<u>16 A 3-pin single switch socket with coverplate</u>				
F	Supply	No	5		
G	Install	No	5		
	<u>16 A 3-pin double switch socket with coverplate</u>				
H	Supply	No	5		
J	Install	No	5		
	<u>16 A 3-pin single dedicated switch socket with coverplate</u>				
K	Supply	No			Rate Only
Carried to Collection					R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	Install	No			Rate Only
	<u>16 A 3-pin double dedicated switch socket with coverplate</u>				
B	Supply	No			Rate Only
C	Install	No			Rate Only
	<u>Combined Tel/Data outlet point complete with connectors for 100x100 draw box</u>				
D	Supply	No			Rate Only
E	Install	No			Rate Only
	<u>Data point with connector for 100x100 draw box</u>				
F	Supply	No			Rate Only
G	Install	No			Rate Only
	<u>Telephone point with connector for 100x100 draw box</u>				
H	Supply	No			Rate Only
J	Install	No			Rate Only
	<u>ISOLATING SWITCHES FOR FLUSH INSTALLATION</u>				
	<u>Supply and installation of the surface mounted isolating switches for single and three phase power points, complete with 100 x 100 x 50mm galvanized draw box, complete with coverplate and fixing screws</u>				
	Carried to Collection				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>20 A single pole isolating switch with coverplate</u>				
A	Supply	No	16		
B	Install	No	16		
	<u>60 A three phase isolating switch with coverplate</u>				
C	Supply	No			Rate Only
D	Install	No			Rate Only
	<u>LIGHT SWITCHES</u>				
	<u>Supply and installation of the light switches installed in 100 x 50 x 50mm deep galvanized draw box, complete with fixing screws and coverplate</u>				
	<u>16 A single lever one-way with coverplate</u>				
E	Supply	No	6		
F	Install	No	6		
	<u>16 A single lever two-way with coverplate</u>				
G	Supply	No	4		
H	Install	No	4		
	<u>16 A single lever one-way with LED dimmer switch</u>				
J	Supply	No			Rate Only
K	Install	No			Rate Only
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>16 A single lever one-way with pilot light</u>				
A	Supply	No			Rate Only
B	Install	No			Rate Only
	<u>16 A double lever, the one must be a one-way and the other one must be a two-way with coverplate</u>				
C	Supply	No			Rate Only
D	Install	No			Rate Only
	<u>Ceiling Sensors for Lights</u>				
E	Supply	No			Rate Only
F	Install	No			Rate Only
	<u>CONDUCTORS</u>				
	<u>2,5mm² PVC insulated stranded copper conductors for electrical circuits installed in conduit, power skirting, etc. grouped and connected to equipment (All wasted cut-offs must be included in the tender price)</u>				
	<u>Red</u>				
G	Supply	m	1 000		
H	Install	m	1 000		
	<u>Black</u>				
	Supply	m	1 000		
	Carried to Collection				R
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
A	Install	m	1 000		
	<u>Green & Yellow / Bare</u>				
B	Supply	m	1 000		
C	Install	m	1 000		
	<u>4mm² PVC insulated stranded copper conductors for electrical circuits installed in conduit, power skirting, etc. grouped and connected to equipment (All wasted cut-offs must be included in the tender price)</u>				
	<u>Red</u>				
D	Supply	m	500		
E	Install	m	500		
	<u>Black</u>				
F	Supply	m	500		
	Install	m	500		
	<u>Green & Yellow / Bare</u>				
G	Supply	m	500		
H	Install	m	500		
	<u>POWER SKIRTING</u>				
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Supply and installation of power skirting installed on the wall of the building structure, complete with socket outlet cover, coverplates, earth connections and cut out holes for the socket installation</u>				
	<u>2-Channel 2-compartment power skirting with coverplates, joints, elbows, end caps and fixing to structure</u>				
A	Supply	m	40		
B	Install	m	40		
	<u>Internal elbows</u>				
C	Supply	No			Rate Only
D	Install	No			Rate Only
E	External elbows	No			Rate Only
	<u>External elbows</u>				
F	Supply	No			Rate Only
G	Install	No			Rate Only
H	End caps	No			Rate Only
	<u>End caps</u>				
J	Supply	No			Rate Only
K	Install	No			Rate Only
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Conduit entry along the run</u>				
A	Supply	No	1		
B	Install	No	1		
	<u>SWITCH SOCKETS FOR POWER SKIRTING</u>				
	<u>16 A 3-pin single switch socket with coverplate</u>				
C	Supply	No	7		
D	Install	No	7		
	<u>16 A 3-pin single dedicated switch socket with coverplate</u>				
E	Supply	No	7		
F		No	7		
	<u>Telephone outlet points for Power Skirting</u>				
G	Supply	No	7		
H		No	7		
	<u>Data outlet points for Power Skirting</u>				
J	Supply	No	7		
		No	7		
	<u>LIGHT FITTINGS</u>				
	<u>Supply and installation of the following light fittings, including lamps, wiring, connections and earthing</u>				
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<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Type F5</u>				
A	Supply	No	15		
B	Install	No	15		
	<u>Type F6</u>				
C	Supply	No	10		
D	Install	No	10		
	<u>Type B</u>				
E	Supply	No	8		
F	Install	No	8		
	<u>Type B1</u>				
G	Supply	No	4		
H	Install	No	4		
	<u>Type C</u>				
J	Supply	No	1		
K	Install	No	1		
	<u>Type C1</u>				
L	Supply	No	4		
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A		No	4		
	<u>GENERAL ITEMS</u>				
	<u>Any additional items that the tenderer deems necessary for the successful and total completion of the portion of the work required for this Bill (specify):</u>				
B	Dismantling of existing electrical Installation			SUM	
C	Refurbishment of old electrical DB			SUM	
D	Allow for testing and commissioning of the complete electrical installations and earthing in terms of Section B15, Clause 2 of the Standard Electrical Specification (PW354) and handing over to the Engineer of fully completed Certificates of Compliance - one for each separate distribution board (COC)			SUM	
	<u>300mm wide cable tray</u>				
E	Supply	m	30		
F	Install	m	30		
G	Smoke Detection Installation			SUM	
H	Card Reader installation & Training of Staff			SUM	
J	Submission and preparation of "As Built Drawings"			SUM	
	<u>Cat 5 Data Cable</u>				
K	Supply	m	30		
L	Install	m	30		
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<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Heat Pump system Refrigerant piping - complete with supports</u>			
A	Additional refrigerant piping, Class type as per manufacturer's recommendation	Item		
B		Item		
	<u>Heat Pump system Condensate PVC piping</u>			
C	ø25mm	m	15	
	<u>Trunking and Cable tray</u>			
D	150mm Galvanised steel trunking c/w covers	m	5	
E	150mm Cable tray	m	20	
F	Anchors, washers, nuts and threaded rods	Item		
	<u>VENTILATION SYSTEMS, FRESH AIR SUPPLY SYSTEM</u>			
	<u>Fresh Air and Extract Air Fans</u>			
G	WF1 - Wall mounted extractor fan, duty @ 100L/s, 30Pa.	No	2	
	<u>Electrical and Control Wiring</u>			
H	Allowance for electrical connection from local isolators to the units	Item		
	<u>DIFFUSERS, GRILLES, ETC</u>			
	<u>Anodised aluminium door grilles as specification clause ?</u>			
J	DG - 423x325mm Door Grille Natural Anodised	No	1	
	<u>FIRE FIGHTING</u>			
	Supply, deliver, installation and testing of the following complete with brackets, hangers ,etc.			
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<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>Fire Fighting Equipment</u>				
A	4,5kg Dry Chemical Powder fire extinguisher complete with backing boards	No	4	
B	30m L fire hose reels	No	2	
<u>Piping, Fittings and Valves</u>				
C	25mm Galvanised piping complete with fittings	m	20	
D	400kPa adjustable pressure reducing valve complete with gauge	No	1	
E	25mm isolation valve	No	1	
<u>Fire Signage</u>				
F	Allowance for anodised aluminium plate fire signage with fire exit, fire extinguishers, fire hose reels, fire hydrants symbols, etc.		Item	
<u>COMMISSIONING, TESTING ETC.</u>				
G	Allow for commissioning and testing the HVAC installation to this building in accordance with the Standard Specifications.		Item	
H	Allow for commissioning and testing the fire installation to this building in accordance with the Standard Specifications.		Item	
J	Provide training to the Client's representatives in the operation of the HVAC systems to this building		Item	
K	Produce Technical Submittal, shop drawings and as-built drawings in respect of this building		Item	
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PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 14</u></p> <p><u>PAINTWORK</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
	<p><u>PREPARATORY WORK TO EXISTING WORK</u></p> <p><u>Previously painted plastered surfaces</u></p> <p>Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p><u>Previously painted metal surfaces</u></p> <p>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal</p> <p><u>Previously painted wood surfaces</u></p> <p>Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth</p>				
	Carried to Collection				R
	<p>Section No. 2 Bill No. 14 PAINTWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p>Plascon Glatex 8 Clear Matt to existing solvent based coated interior wood.</p> <p>Remove loose and peeling paint by scraper or hand sanding. Feather edges and dust off. Spot prime bare areas with Wood Varnish (thinned 20% with Mineral Turpentine).</p> <p>Ensure surfaces are clean, dry and sound. To determine the moisture content, use a Doser Hygrometer scale A1 - A5 (or equivalent) depending on generic wood type.</p> <p>Measurements should be <14% before painting. Sand wood to a smooth finish with 150 grit paper in direction of grain. Dust off. Finish with two coats of Glatex 8 Clear Matt (PL 127) with 16 hours drying time between coats, for a maintenance cycle of 10 years in a C5 - coastal/marine environment.</p> <p>Plascon Glatex 8 Clear Matt to interior new timber flooring. Surface to be clean, dry and dust free. Machine sand floors in the direction of the grain to remove surface coatings or contaminants until a smooth and uniformly clean profile is obtained. Rake out open joints to remove dirt and vacuum up dust. Wipe surface with mutton cloth dampened with Universal Reducer (PUR 1) to ensure a spotlessly clean and free surface. Substrate to be sanded lightly between coats with 400 grit paper. Prime with one coat Glatex 8 Clear Matt (PL 127) thinned 4 parts Glatex 8 to 1 part Glatex 8 Thinner with an overcoating time of between 16 and 48 hours and finish with two coats Glatex 8 Clear Matt (PL 127) with 16 hours drying time between coats, for a maintenance cycle of 10 years in a C5 - coastal/marine environment</p> <p>Plascon Glatex 8 to existing exterior wood surfaces.</p> <p>Remove loose and peeling paint by scraper or hand sanding. Feather edges and dust off. Spot prime bare areas with Wood Primer (unthinned).</p> <p>Ensure surfaces are clean, dry and sound. To determine the moisture content, use a Doser Hygrometer scale A1 - A5 (or equivalent) depending on generic wood type.</p> <p>Measurements should be <14% before painting. Sand wood to a smooth finish with 150 grit paper in direction of grain. Dust off. Finish with two coats of Glatex 8 (PL) with 16 hours drying time between coats, for a maintenance cycle of 10 years in a C5 - coastal/marine environment.</p>				
	Carried to Collection				R
	<p>Section No. 2 Bill No. 14 PAINTWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u></p> <p><u>ON INTERNAL GYPSUM PLASTER SURFACES</u></p> <p><u>One coat Durafill Fillercoat (code: M370-2700) and two coats Dulux "Luxurious Silk" acrylic paint as per SANS 1586 (code:90 YY 35/304- Oliver colour) or similar approved paint and all in accordance with manufacturer's specification</u></p>				
A	On internal walls	m2	139		
	<p><u>One coat Durafill Fillercoat (code: M370-2700) and two coats Dulux "Luxurious Silk" acrylic paint as per SANS 1586 (code:90 YY 25/074- Light Charcoal) or similar approved paint and all in accordance with manufacturer's specification</u></p>				
B	On internal walls	m2	125		
	<p><u>One coat Durafill Fillercoat (code: M370-2700) and two coats Dulux "Luxurious Silk" acrylic paint as per SANS 1586 (code:90 YY 11/076- Charcoal colour) or similar approved paint and all in accordance with manufacturer's specification</u></p>				
C	On internal walls	m2	111		
	<p><u>PAINTWORK ETC TO NEW WORK</u></p> <p><u>ON INTERNAL FLOATED PLASTER SURFACES</u></p>				
	Carried to Collection				R
	<p>Section No. 2 Bill No. 14 PAINTWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>One coat plaster primer (as per SANS 681) and two coats Dulux "Luxurious Silk" acrylic paint as per SANS 1586 (code:90 YY 35/304- Oliver colour) or similar approved paint for interior use and all in accordance with manufacturer's specification</u></p>				
A	On internal walls	m2	32		
	<p><u>One coat plaster primer (as per SANS 681) and two coats Dulux "Luxurious Silk" acrylic paint as per SANS 1586 (code:90 YY 25/074- Light Charcoal) or similar approved paint for interior use and all in accordance with manufacturer's specification</u></p>				
B	On internal walls	m2	24		
	<p><u>One coat plaster primer (as per SANS 681) and two coats Dulux "Luxurious Silk" acrylic paint as per SANS 1586 (code:90 YY 11/076- Charcoal colour) or similar approved paint for interior use and all in accordance with manufacturer's specification</u></p>				
C	On internal walls	m2	24		
	<p><u>ON EXTERNAL FLOATED PLASTER SURFACES</u></p> <p><u>One coat universal undercoat and two coats Dulux "Exterior Weather guard Fine Textured" acrylic emulsion (charcoal colour) code:90 YY 11/076 or similar approved paint</u></p>				
D	On external walls	m2	67		
	Carried to Collection				R
	<p>Section No. 2 Bill No. 14 PAINTWORK MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

Section No. 2

Building Works

Bill No. 14

PAINTWORK

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Bill No. 14

PAINTWORK

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

Section No. 2

Building Works

SECTION SUMMARY - Building Works

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PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE			

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>SECTION NO. 3</u></p> <p><u>BILL NO. 1</u></p> <p><u>DEMOLITIONS</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including new Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
	<p><u>DEMOLITIONS ETC</u></p> <p><u>Taking out and removing paving etc, setting aside for re-use and later reinstalling at the position directed by the architect</u></p>				
A	80mm Grey interlocking roadstone paving	m2	10		
	<p><u>REMOVAL OF RUBBISH, DISUSED MATERIALS, ETC</u></p> <p><u>Removal of rubbish, disused materials, etc</u></p>				
B	Remove from site all rubbish, disused or unwanted materials inside and outside of the buildings and cart away to the dumping site to be directed by the Principal Agent		Item		
	<p>Carried Forward to Summary of Section No. 3</p>				R
	<p>Section No. 3 Bill No. 1 DEMOLITIONS MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>				

<u>Item No</u>	<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<p><u>SECTION NO. 3</u></p> <p><u>BILL NO. 2</u></p> <p><u>SITE EXCAVATIONS, ETC.</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including new Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>				
<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Nature of ground</u></p> <p>A soils investigation test has been carried out on site by the engineer and the report is available on request at the offices of the engineer. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "Earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured.</p> <p><u>Carting away of excavated material</u></p> <p>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 and dumping on areas to be indicated by the Principal Agent</p>				
<p><u>SITE CLEARANCE ETC</u></p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 3 Bill No. 2 SITE EXCAVATIONS, ETC. MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			R	

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Site Works

Bill No. 2

SITE EXCAVATIONS, ETC.

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Bill No. 2

SITE EXCAVATIONS, ETC.

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p><u>SECTION NO. 3</u></p> <p><u>BILL NO. 3</u></p> <p><u>FOUNDATION WORKS</u></p> <p>NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill</p> <p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p> <p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>			
	<p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Nature of ground</u></p> <p>A soils investigation test has been carried out on site by the engineer and the report is available on request at the offices of the engineer. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "Earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured.</p> <p><u>Carting away of excavated material</u></p> <p>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 and dumping on areas to be indicated by the Principal Agent.</p> <p><u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u></p> <p><u>Excavation in earth not exceeding 2m deep</u></p>			
A	Trenches	m3	22	
	Carried to Collection			R
	<p>Section No. 3 Bill No. 3 FOUNDATION WORKS MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			

<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
A	Soft rock	m3	2	
B	Hard rock	m3	1	
	<u>Extra over all excavations for carting away</u>			
C	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	6	
	<u>Risk of collapse of excavations</u>			
D	Sides of trench and hole excavations not exceeding 1,5m deep	m2	69	
	<u>Keeping excavations free of water</u>			
E	Keeping excavations free of all water other than subterranean water		Item	
	<u>FILLING ETC</u>			
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 90% Mod AASHTO density</u>			
F	Backfilling to trenches, holes, etc	m3	6	
	<u>Earth filling supplied by the contractor compacted to 93% Mod AASHTO density</u>			
G	Backfilling to trenches, holes, etc	m3	6	
	<u>Compaction of surfaces</u>			
H	Compaction of ground surface under floors etc	m2	13	
	<u>SOIL POISONING</u>			
	<u>Soil insecticide</u>			
J	To bottoms and sides of trenches, holes, etc	m2	81	
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	Section No. 3			
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	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022			
	PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE			

<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>15MPa/19mm Concrete</u>			
A	Surface blinding under footings and bases	m3	1	
	<u>REINFORCED CONCRETE</u>			
	<u>30MPa/19mm Concrete</u>			
B	Strip footings	m3	4	
	<u>TEST BLOCK</u>			
C	Making and testing 150 x 150 x 150mm concrete strength test cube	No	2	
	<u>FORMWORK</u>			
	<i>NOTE: All items in this section shall be deemed to fall into Work Group No.111 for CPAP formula purposes.</i>			
	<u>Rough formwork to sides</u>			
D	Strip footings	m2	12	
	<u>REINFORCEMENT</u>			
	<i>NOTE: All items in this section shall be deemed to fall into Work Group No.114 for CPAP formula purposes.</i>			
	<u>Mild steel reinforcement to structural concrete work</u>			
E	10mm Diameter bars	t	0,42	
	<u>High tensile steel reinforcement to structural concrete work</u>			
F	12mm Diameter bars	t	0,42	
	Carried to Collection			R
	Section No. 3			
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Section No. 3

Site Works

Bill No. 3

FOUNDATION WORKS

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Bill No. 3

FOUNDATION WORKS

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>SECTION NO. 3</u>				
	<u>BILL NO. 4</u>				
	<u>ROAD WORKS, PAVINGS, APRONS, ETC.</u>				
	NOTE: The contractor is advised to study the Model Preambles for Trades before pricing this bill				
	NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.				
	NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.				
	<u>THE FOLLOWING TO CONCRETE APRONS, STEPS AND RAMPS</u>				
	<u>Earth filling supplied by the contractor compacted to 93% Mod AASHTO density</u>				
A	Under floors, steps, paving, etc.	m3	3		
	<u>Hardcore filling</u>				
B	Under floors etc	m3	3		
	<u>Compaction of surfaces</u>				
C	Compaction of ground surface under floors etc	m2	18		
	<u>Soil insecticide</u>				
D	Under floors, etc	m2	18		
	<u>25MPa/19mm concrete</u>				
E	Ramps	m3	2		
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	Section No. 3				
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	ROAD WORKS, PAVINGS, APRONS, ETC.				
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
	PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

<u>Item No</u>		<u>Unit</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<u>Test block</u>				
A	Making and testing 150 x 150 x 150mm concrete strength test cube	No	3		
	<u>Finishing top surfaces of concrete smooth with a wood float</u>				
B	Surface beds, slabs, etc	m2	18		
	<u>Finish top surfaces of concrete to an evenly ribbed non-slip surface</u>				
C	Ramps	m2	18		
	<u>Rough formwork to sides</u>				
D	Edges, risers, ends, etc. not exceeding 300mm high or wide	m	24		
	<u>Isolation joints with 10mm softboard between horizontal concrete surfaces</u>				
E	10mm Joints not exceeding 300mm high	m	33		
	<u>Fabric reinforcement</u>				
F	Type A193 fabric reinforcement in concrete surface beds, slabs, etc	m2	18		
	<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</u>				
G	Under surface beds	m2	18		
	<u>Masonry</u>				
	<u>80mm Std grey "Concor" Double Zig Zag interlocking roadstone paving</u>				
H	80mm Standard "Concor Double Zig Zag" interlocking roadstone paving	m2	6		
	<u>Relay existing and previously set aside paving blocks to pattern on river sand bedding with sand swept into joints</u>				
J	Roads, driveways and parkings	m2	10		
	Carried to Collection				R
	Section No. 3				
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	ROAD WORKS, PAVINGS, APRONS, ETC.				
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022				
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Section No. 3

Site Works

Bill No. 4

ROAD WORKS, PAVINGS, APRONS, ETC.

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Bill No. 4

ROAD WORKS, PAVINGS, APRONS, ETC.

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

Section No. 3

Site Works

SECTION SUMMARY - Site Works

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Section No. 3 MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE			

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<p><u>SECTION NO. 4</u></p>			
<p><u>BILL NO. 1</u></p>			
<p><u>PROVISIONAL AMOUNTS</u></p>			
<p>NOTE: The contractor advised to study the Model Preambles for Trades before pricing this bill</p>			
<p>NOTE: All unit rates must take into account and will be assumed to include all applicable taxes including Value Added Tax Act. No additional claims relating to taxes will be entertained.</p>			
<p>NOTE: The contractor is advised to study the Architect's drawings before pricing this bill. In the case of any discrepancies between the bill and the drawings the contractor must notify the Principal Agent.</p>			
<p><u>SELECTED SUBCONTRACTORS</u></p>			
<p>The following Provisional Amounts are for specialist work to be executed by a selected sub-contractor who upon appointment in terms of the Conditions of Contract shall be deemed to be a selected sub-contractor.</p>			
<p>A selected sub-contractor shall be a contractor executing work for which a sum of money is provided for in the bills of quantities or a sub-contractor executing additional work specialist work which arises as a result of an instruction by the representative/agent.</p>			
<p>Tender documents for such work shall be prepared by the representative/agent in consultation with and to the approval of the contractor. Tenders shall be called for from a list of tenderers agreed between the contractor and the Principal Agent. Tenders shall be submitted to the representative/agent for adjudication.</p>			
<p>Carried to Collection</p>			R
<p>Section No. 4 Bill No. 1 PROVISIONAL AMOUNTS MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			

<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
	<p>The selected sub-contractor shall be chosen by the representative/agent and the contractor, and the contractor shall satisfy himself that such selected sub-contractor can meet the requirements of the sub-contract agreement and the contractor shall inform the representative/agent accordingly. The contractor shall appoint such selected sub-contractor and inform the principal agent accordingly.</p> <p>The procedure relating to the method of selection, obtaining of tenders, adjudication thereof and the appointment of the selected sub-contractor shall not create any contractual relationship between the Department and the selected sub-contractor.</p> <p>All provisional amounts cover supply of material and equipment and installation where applicable by firms of specialists. Provisional amounts are nett and do not include builder's discount, but the tenderer may allow under "Profit" items for profit he considers necessary.</p>			
	<p><u>BUDGETARY ALLOWANCES</u></p> <p><u>JOINERY FITTINGS, CUPBOARDS, ETC</u></p> <p>A Allow the Provisional Amount of R 120 000.00 (One Hundred Twenty Thousand Rand) NET for Joinery Fittings, Cupboards, etc. to be executed by a sub-contractor</p> <p>B Add for profit</p> <p>C Allow for general attendance on sub-contractor</p> <p><u>SIGNAGE</u></p> <p>D Allow the Provisional Amount of R 15 000.00 (Fifty Thousand Rand) NET for Signage. to be executed by a sub-contractor</p> <p>E Add for profit</p> <p>F Allow for general attendance on sub-contractor</p>	Item Item Item Item Item Item		120 000,00 15 000,00
	Carried to Collection		R	
	<p>Section No. 4 Bill No. 1 PROVISIONAL AMOUNTS MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE</p>			

<u>Item No</u>		<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
<u>BALUSTRADING AND HANDRAILING</u>				
A	Allow the Provisional Amount of R 40 000.00 (Forty Thousand Rand) NET for Balustrading and Hand railing to be executed by a sub-contractor	Item		40 000,00
B	Add for profit	Item		
C	Allow for general attendance on sub-contractor	Item		
<u>BLINDS</u>				
D	Allow the Provisional Amount of R 90 000.00 (Ninety Thousand Rand) NET for Blinds. to be executed by a sub-contractor	Item		90 000,00
E	Add for profit	Item		
F	Allow for general attendance on sub-contractor	Item		
Carried to Collection			R	
Section No. 4 Bill No. 1 PROVISIONAL AMOUNTS MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE				

Section No. 4

Provisional Amounts

Bill No. 1

PROVISIONAL AMOUNTS

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Bill No. 1

PROVISIONAL AMOUNTS

MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022

PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE

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	SUB TOTAL		R
	<u>Contingencies</u>		
	Allow the sum of R 100 000.00 (Hundred Thousand Rand) for the Contingencies to be used as directed by the Principal Agent and deducted in part or in whole if not required		R 100 000,00
	SUB TOTAL		R
	<u>ADD:</u> VALUE ADDED TAX AT 15%		R
	Carried to Form of Tender		R
	MAIN ENTRANCE-BID/MAIN ENTRANCE/CAPEX/2/2022 PRIORITY 2: UPGRADING OF PACOFS SECURITY ENTRANCE		