

Item No		Quantity	Rate	Amount
	<p><u>SECTION No. 1</u></p> <p><u>BILL NO 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Series 2000 Principal Building Agreement (Edition 6.1 of March 2014) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The ASAQS Preliminaries (August 2010 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities</p> <p>Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof</p> <p>These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents</p> <p>Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable"</p> <p><u>PREAMBLES FOR TRADES</u></p> <p>The Model Preambles for Trades (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p>			
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Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles

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

PRICING OF PRELIMINARIES

Should the contractor select Option A in terms of subclause 3.2.1 in the Contract Data - Contractor to Employer (CE) for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)

SECTION A - PRINCIPAL BUILDING AGREEMENT

Definitions

1 Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....

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Objective and preparations

2 Clause 2.0 - Offer acceptance and performance obligations F:..... V:..... T:.....

Item

3 Clause 3.0 - Documents F:..... V:..... T:.....

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4 Clause 4.0 - Design responsibility F:..... V:..... T:.....

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5 Clause 5.0 - Employer's agents F:..... V:..... T:.....

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6 Clause 6.0 - Contractor's site representative F:..... V:..... T:.....

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7	<p>Clause 7.0 - Compliance with laws and regulations F:..... V:..... T:.....</p>	Item	
<p>Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specifications</p>			
8	<p>Clause 8.0 - Works risk F:..... V:..... T:.....</p>	Item	
9	<p>Clause 9.0 - Indemnities F:..... V:..... T:.....</p>	Item	
10	<p>Clause 10.0 - General insurances F:..... V:..... T:.....</p>	Item	
11	<p>Clause 11.0 - Special insurances F:..... V:..... T:.....</p>	Item	
12	<p>Clause 12.0 - Effecting insurances F:..... V:..... T:.....</p>	Item	
13	<p>Clause 13.0 - Assignment F:..... V:..... T:.....</p>	Item	
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14	<p>Clause 14.0 - Security</p> <p>The Employer reserves the right to reject a construction guarantee if, in the opinion of the Employer, the guarantor is not accredited</p> <p>The Contractor shall on being requested by the Principal Agent, furnish a letter of intent from the guarantor undertaking to provide the necessary JBCC construction guarantee, as selected within five (5) working days of such request.</p> <p>The Contractor shall provide the Construction Guarantee within (7) seven working days of acceptance of the bid</p> <p>F:..... V:..... T:.....</p>	Item	R
15	<p>Clause 15.0 - Preparation for and execution of the works</p> <p>15.1.4 Add 15.1.4 as follows An acceptable Health and Safety Plan, required in terms of the occupational Health and Safety Act, 1993 (Act 85 of 1993), within fourteen (14) calendar days of provisional acceptance of bid</p> <p>F:..... V:..... T:.....</p>	Item	
16	<p>Clause 16.0 - Site and access</p> <p>The contractor shall secure the site in a manner that does not infringe the movement of the existing occupants/commuters and provide appropriate hoarding</p> <p>The Contractor shall afford all reasonable access to other contractors and or sub-contractors who may be employed by the client to execute other works whether in connection with the Contract works or not</p> <p>No claims whatsoever will be entertained for failure on the Contractor's side not to price for this item sufficiently</p> <p>F:..... V:..... T:.....</p>	Item	
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17	Clause 17.0 - Contract instructionsF:..... V:..... T:.....	Item		
18	Clause 18.0 - Setting out of the works	Item		
19	Clause 19.0 - Temporary works and plant			
	<u>User note</u>			
	Subclause 19.1.1 - <i>Enclosure of the works</i>			
	Subclause 19.1.2 - <i>Office accommodation</i>			
	Clause 19.2 - <i>Notice boards</i>			
	F:..... V:..... T:.....	Item		
20	Clause 20.0 - Nominated subcontractors			
	In addition to the provision of clause 20.1.2, the Contractor shall at any time on being requested to do so by the Principal Agent, furnish a copy of the JBCC Nominated Subcontract Agreement to the Employer, within five (5) working days of such request			
	F:..... V:..... T:.....	Item		
21	Clause 21.0 - Selected subcontractors			
	In addition to the provision of clause 21.1.3, the Contractor shall at any time on being requested to do so by the Principal Agent, furnish a copy of the JBCC Selected Subcontract Agreement to the Employer, within five (5) working days of such request			
	F:..... V:..... T:.....	Item		
22	Clause 22.0 - Employer's direct contractorsF:..... V:..... T:.....	Item		
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23	Clause 23.0 - Contractor's domestic subcontractors	Item	
	F:..... V:..... T:.....		
	<u>Completion</u>		
24	Clause 24.0 - Practical completion	Item	
	The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be entertained		
	F:..... V:..... T:.....		
25	Clause 25.0 - Works completion F:.....	Item	
	V:..... T:.....		
26	Clause 26.0 - Final completion F:.....	Item	
	V:..... T:.....		
27	Clause 27.0 - Latent defects liability period	Item	
	F:..... V:..... T:.....		
28	Clause 28.0 - Sectional completion F:.....	Item	
	V:..... T:.....		
29	Clause 29.0 - Revision of date for practical completion	Item	
	The removal and replacement of materials and/or workmanship which do not conform to specification or drawing shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value (Clause 29.3)		
	The actual number of working days lost due to inclement weather during the contract period shall be determined by the principal agent on a monthly basis		
	F:..... V:..... T:.....		
30	Clause 30.0 - Penalty for late or non-completion	Item	
	F:..... V:..... T:.....		
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Payment

31 Clause 31.0 - Interim payment

The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.4 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank. Clause 31.6.5 is therefore not applicable

Materials and goods stored off site shall not be included in the amount authorised for payment

The first part of the first sentence of Clause 31.9 shall be deemed to read "The employer shall pay to the contractor the amount certified within thirty (30) calendar days"

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

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32 Clause 32.0 - Adjustment to the contract value

All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor

Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the final payment certificate, it shall be in writing

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

Item

33 Clause 33.0 - Recovery of expense and loss

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

Item

34 Clause 34.0 - Final account and final payment

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

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35	<p>Clause 35.0 - Payment to other parties F:..... V:..... T:.....</p>	Item		
<u>Termination</u>				
36	<p>Clause 36.0 - Termination by employer - contractor's default F:..... V:..... T:.....</p>	Item		
37	<p>Clause 37.0 - Termination by employer - loss and damage F:..... V:..... T:.....</p>	Item		
38	<p>Clause 38.0 - Termination by contractor - employer's default F:..... V:..... T:.....</p>	Item		
39	<p>Clause 39.0 - Termination - cessation of the works F:..... V:..... T:.....</p>	Item		
<u>Dispute</u>				
40	<p>Clause 40.0 - Settlement of disputes F:..... V:..... T:.....</p>	Item		
<u>Contract agreement</u>				
41	<p>Clause 41.0 - Post tender provisions</p>	Item		
<u>Contract variables (A41)</u>				
42	<p>The schedule:Pre-tender information (clause 41) F:..... V:..... T:.....</p>	Item		
<p>Information necessary for completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder</p>				
41.1 CONTRACT DETAILS				
Carried to Collection				
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41.1.1 Works Description:

The work under this contract involves the renovations to the existing IDC Offices, Sandton, as follows: Alterations of existing ablution facilities for better access for the disabled and repair works to cracked bulkheads, cracked brickwork, etc

41.1.2 Sequence of Critical Works Items:

The contractor is advised to execute the works in the following sequence/orders:

41.1.3 Programme of Works and Project Timelines:

The Contractor is referred to the following Programme of works and project timelines.

Tender Invitation:

Tender Closes:

Site Handover:

Practical Completion:

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41.1.4 Site Description:

The site is:

IDC Offices, 19 Fredman Drive, Sandton, Johannesburg.

Work Area:

IDC Offices, Sandton

The contractor shall limit and execute the works within the designated site boundaries as indicated in the Architect's drawings and shall liaise with the Project Manager in connection with the limit of access and/or egress.

Access:

Restrictions to working hours apply; Normal working hours 8H00 till 17H00. Additional hours and weekend work can be pre-arranged by submitting applications to the facility manager 48 hours in advance. Approval is at the discretion of IDC, which shall not be unreasonably withheld. Additional works hours and weekend work hours **does not** attract additional cost/claims from IDC

The contractor should note that certain key work items are required to be executed on weekends and other weekend work or overtime work hours as necessitated by the contractor's programme is deemed to be allowed for, hence no claims in respect of weekend work hours or overtime work hours will be entertained.

43 **41.1.5 Contract work's insurance**

Item

44 41.1.6 Supplementary insurance:

Contractor shall be responsible for the taking out his own insurances for all plant and machinery used in the execution of this contract. The cost of this insurance shall be borne by the contractor.

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T.....

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45	<p>41.1.7 Public liability insurance to be effected by contractor See clause 42.3.1</p> <p>F:..... V:..... T:.....</p> <p>41.1.8 Penalty per calendar day: R 7,500.00 per calendar day on which the completion of the work may be in arrears for the whole of the works</p> <p>41.1.9 Healthy and Safety Requirements: Refer to the Appendix for health and safety requirements</p> <p>41.1.10 Tender Drawings: Refer to the Appendix for a copy of tender drawings</p> <p>Architectural Drawings:</p> <p>3518C100 3518C101 3518C102 3518C103 3518C104 3518C105 3518C106 3518C107 3518C108 3518C109 3518C110 3518C111 3518C112 3518C113 3518C114 3518C115 3518C600 3518C601</p>	Item	R
46	<p>Clause 42.0 - Contractual agreement</p> <p>The required information of the contracting parties and the amount of the accepted contract sum shall be inserted in the contractual agreement for signature of the agreement by the contracting parties</p> <p style="text-align: center;">Carried to Collection</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries IDC Renovations Provisional Bills of Quantities</p>	Item	R

SECTION B - PRELIMINARIES

Definitions and interpretation

47 Clause 1.0 - Definitions and interpretation
 F:..... V:.....
 T:.....

Item

Documents

48 Clause 2.1 - Checking of documents
 F:..... V:.....
 T:.....

Item

49 Clause 2.2 - Provisional bills of quantities

These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are provisionally measured and the subsequent trades are budgetary allowances and/or selected or nominated subcontract amounts

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

Item

50 Clause 2.3 - Availability of construction documentation

The budgetary allowances and selected (nominated) subcontract amounts allocated for subsequent trades included in this document will be separately procured, based on multiple procurement of selected (nominated) subcontractors during the construction period

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

Item

Previous work and adjoining properties

51 Clause 3.1 - Previous work - dimensional accuracy
 F:..... V:.....
 T:.....

Item

52 Clause 3.2 - Previous work - defects
 F:..... V:.....
 T:.....

Item

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53	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item
<u>Samples, shop drawings and manufacturer's instructions</u>		
54	Clause 4.1 - Samples of materials F:..... V:..... T:.....	Item
55	Clause 4.2 - Workmanship samples F:..... V:..... T:.....	Item
56	Clause 4.3 - Shop drawings F:..... V:..... T:.....	Item
57	Clause 4.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item
<u>Deposits and fees</u>		
58	Clause 5.1 - Deposits and fees F:..... V:..... T:.....	Item
<u>Temporary services</u>		
59	Clause 6.1 - Water F:..... V:..... T:.....	Item
60	Clause 6.2 - Electricity F:..... V:..... T:.....	Item
61	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....	Item
62	Clause 6.4 - Ablution facilities F:..... V:..... T:.....	Item
<u>Prime cost amounts</u>		
63	Clause 7.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item

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Special attendance on n/s subcontractors

64 Clause 8.1 - Special attendance

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

Item

General

65 Clause 9.1 - Protection of the worksF:.....

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

Item

66 Clause 9.2 - Protection/isolation of existing/sectionally occupied works

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

Item

67 Clause 9.3 - Security of the worksF:.....

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

Item

68 Clause 9.4 - Notice before covering work

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

Item

69 Clause 9.5 - Disturbance F:.....

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

Item

70 Clause 9.6 - Environmental disturbance

The contractor shall price opposite this item for compliance with all the requirements of the Employer's environmental management plan

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

Item

71 Clause 9.7 - Works cleaning and clearingF:.....

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

Item

72 Clause 9.8 - VerminF:.....

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

Item

73 Clause 9.9 - Overhand workF:.....

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

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10.8 - Telecommunications [clause 7.4]

Telephone
Yes

Facsimile
Yes

E-mail
Yes

10.9 - Ablution facilities [clause 7.5]

Option A (by contractor)
Yes

Option B (by employer - free of charge)
No

10.10 - Protection of the works [clause 9.1]

10.11 - Protection/isolation of existing/sectionally occupied works [clause 9.2] Protection/isolation is required
Yes

10.12 - Disturbance [clause 9.5]

10.13 - Environmental disturbance [clause 9.6]

10.14 Existing premises occupied **(YES)**

10.15 Protection of existing/sectionally occupied works (B11.2)
Protection is required
Yes

SECTION C - SPECIFIC PRELIMINARIES

74 **Site instructions**

Instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor

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

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Warranties for material and workmanship

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

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

Item

76

Co-operation of contractor for cost management

It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The principal agent undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors

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

Item

77

Propping of floors below

The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor

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

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78	Testing of windows for watertightness	Item	R
<p>Each window shall be tested for watertightness with water sprayed on using adequate pressure. If in the opinion of the principal agent, the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means</p> <p>F:..... V:..... T:.....</p>			
79	Testing of flat roof waterproofing for watertightness	Item	
<p>Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent, flooded with water and kept "ponded" for at least 36 hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing</p> <p>F:..... V:..... T:.....</p>			
80	Proprietary Branded Products	Item	
<p>The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instructions after consultation with the manufacturer's authorised representative.</p>			
81	As built drawings	Item	
<p>The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records</p>			
82	Labour Record	Item	
<p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and descriptions of tradesmen and labourers employed by him and all subcontractors on the works each day of that week</p>			
83	Plant Record	Item	
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84	<p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools used on the works each day of that week</p>	Item	R
	<p>Guarantees</p>		
	<p>Where guarantees are called for, the contractor shall obtain a written guarantee, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The guarantee shall state that workmanship, materials and installation are guaranteed for a specified period from the date of certified completion of the contract, and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice from the principal agent to do so. This guarantee will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor. The principal agent shall be the sole judge of the cause responsible for defects in the work and his decision shall be final and binding in terms of clause 40.2 of the agreement</p>		
85	<p>User requirements</p>	Item	
	<p>There is a possibility that certain works related to users' requirements may have to be delayed and may consequently not be executed prior to the dates of practical completion</p>		
	<p>The employer reserves the right to omit such work without compensation to the contractor for any loss which may be incurred as a result of such omission. Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this contract on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instructions to proceed with such work is given to him within a period of three (3) calendar months after date of practical completion of the works</p>		
86	<p>Amendment to Scope of Work</p>	Item	
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The employer reserves the right to omit such work without compensation to the contractor for any loss which may be incurred as a result of such omission. Should the contractor be instructed to do so he shall execute this work under the conditions pertaining to this contract on the basis that a separate amount for preliminaries appurtenant to this work (if applicable) is agreed to between the contractor and the principal agent and on condition that instructions to proceed with such work is given to him within a period of three (3) calendar months after the date of practical completion of the works

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

87 **Overtime**

Item

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

88 **Co-operation of Contractor for Cost Management**

Item

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

89 **Environmental Management Plan**

Item

The contractor is to provide and execute the works in accordance with an Environmental Management Plan and Safety Plan that complies with all statutory and municipal requirements

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90	Scaffolding	Item	
	The contractor shall provide, maintain and remove if no longer required all special scaffolding for use by himself and all sub-contractors including domestic , nominated and selected sub-contractors.		
91	Scaffolding For Exceptional heights	Item	
	The contractor shall provide, maintain and remove if no longer required all special scaffolding for exceptional heights for use by himself and all sub-contractors including domestic , nominated and selected sub-contractors.		
92	Bills of Quantities and Ordering if Materials	Item	
	Under no circumstances shall these bills of quantities be used for ordering purposes. Should these bills of quantities be used for ordering purposes, it is entirely at the contractors risk.		
	F..... V..... T.....		
93	Drawings Issued with Tender Documents	Item	
	Where drawings are issued with the tender documents they do not comprise the complete set, but serves as a guide only for tendering purposes and for indicating the scope of the works, to enable the Tenderer to acquaint himself with the nature and extent of works and the manner in which they are to be executed. Should any part of the drawings not be clearly intelligible to the Tenderer, he shall, before submitting his tender, obtain clarification in writing from the Principal Agent		
94	Pricing and Rates	Item	
	All prices or rates inserted in these bills of quantities shall, unless otherwise stated, include for materials, duty, taxes other than Value Added Tax (VAT), making, conveyance and delivery, unloading, storing, unpacking, hoisting, labour setting, fitting and fixing in position, cutting and waste, patterns, models and templates, plants, temporary works, return of packings, establishment charges, profit and all other obligations arising from the Principal Building Agreement.		
	F..... V..... T.....		
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Ordering of Materials

The contractor shall place orders timeously for materials or special articles that are required. Should these bills of quantities be used for ordering materials, this shall be entirely at the contractor's risk

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

Item

96

Damage to Existing Buildings and/or Structures, etc.

Any damage whatsoever to the existing buildings and/or structures, etc. from building operations during the construction period shall be rectified to the approval of the Principal Agent at the contractor.s expense.

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

Item

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

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Section No. 1

PRELIMINARIES

Bill No. 1

Preliminaries

IDC Renovations

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Section No. 1

PRELIMINARIES

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PRELIMINARIES

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	<p>Section No. 2 BUILDING WORK Bill No. 1 Alterations IDC Renovations Provisional Bills of Quantities</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

Rates for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc

Rates 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

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

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

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)

Note

The Contractor is referred to GP/ASC for the full intent and meaning of each clause referred to under the following headings:

Damage to remaining portions: Clause 1.1.1 on page 16

Services to remain operational: Clause 1.1.2 on page 16

Disturbance: Clause 1.1.3 on page 16

Recovered material: Clause 1.1.4 on page 16

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Fittings to be removed before painting: Clause 1.1.5 on page 16

Ownership of demolished material: Clause 1.1.6 on page 16

REMOVAL OF EXISTING WORK

Carefully breaking down and remove existing brickwall

1	One brick wall	m2	50
2	Half brick wall	m2	145

Taking out and removing doors, windows, etc including thresholds, sills, etc (building up openings elsewhere)

3	Timber single door and aluminium/steel frame not exceeding 2,5m2	No	30
4	Sliding door and aluminium/steel frame not exceeding 5m2	No	5

Taking down and removing roofs, floors, panelling, ceilings, partitions, etc

5	Acoustic tile suspended ceilings, including suspension grid, hangers, cornices, etc	m2	401
6	Vitraflex partition with internal aluminium framing, 2.1m high including doors	m	68
7	Bulkhead 1m deep	m	115

Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes

8	Tiles to floors	m2	401
9	Tiles to walls	m2	917

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Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)

10	Vitreous china wash hand basin	No	36
11	Vitreous china wash trough	No	2
12	Geberit 120mm Sigma Kombrix concealed cistern for wall hung WC	No	19
13	Vaal sanitaryware wall mounted urinal	No	4
14	Vanity top 600mm wide x 455mm high for vanity wash hand basins (measured elsewhere) excluding steel supports which must be carefully protected and be re-used later	m	23
15	Carefully remove existing steel/aluminium balustrade with glazed panels, 1.1m high, set aside and later refix in new position according to client's specification (include re-installation cost)	m	6
16	Remove existing shower including shower tray not exceeding 2.5m ² , glazed partition and door not exceeding 3.5m high, soap holder and all plumbing, etc including breaking down brick/concrete step	No	10

Taking out/off and removing electrical fittings, pipes and wiring

17	Light Fittings	No	4
18	Conduit pipes including wiring	m	2
19	Reposition mechanical installation outside entrance door next to cleaners room	No	1
20	Reposition electrical switch outside entrance door next to cleaners room	No	1
21	Relocate electrical equipment	No	1

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Taking out and carefully removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere), handover to Client for refixing at a later stage by others

22	Ceramic wash trough	No	2
23	Stainless steel automatic hands-free hand dryer	No	26
24	Rolled hand towel dispenser	No	23
25	Soap dispenser	No	25
26	Stainless Steel 3-roll toilet roll holder	No	33

BUILDING UP OPENINGS

Building up openings with NFP bricks in class II mortar

27	One brick walls	m2	4
28	Half brick walls	m2	4

Sundries

29	Cutting toothings and bonding new brickwork to existing	m2	4
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Breaking out for and forming openings through brick walls

30	Opening for door with steel frame 900 x 2100mm high overall through half brick wall by carefully breaking brickwork including necessary precast concrete lintel and making good wall on all sides (new door frame elsewhere)	No	2
31	Opening for door with steel frame 900 x 2100mm high overall through One brick wall by carefully breaking brickwork including necessary precast concrete lintel and making good wall on all sides (new door frame elsewhere)	No	21

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	<p>Section No. 2 BUILDING WORK Bill No. 2 Masonry IDC Renovations Provisional Bills of Quantities</p>			

SAMPLES

Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site

Labour intensive methods

The contractor is required to use labour intensive methods for the items under this trade

SUPERSTRUCTURE

Brickwork of NFP bricks in class II mortar

1	Half brick walls	m2	196
2	One brick walls	m2	76

Brickwork reinforcement

3	75mm Wide reinforcement built in horizontally	m	76
4	150mm Wide reinforcement built in horizontally	m	25

BRICKWORK SUNDRIES

"Approved" prestressed fabricated lintels

5	100 x 70mm Lintels in lengths not exceeding 3m	m	38
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1	40mm Door, 910 x 2030mm high and including custom made aluminium screeded door frame to match existing	No	16	
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	<p>Section No. 2 BUILDING WORK Bill No. 3 Carpentry and Joinery IDC Renovations Provisional Bills of Quantities</p>			

2	40mm Door, 810 x 2030mm high including custom made aluminium screeded door frame to match existing	No	10
3	40mm Door, 610 x 2030mm high including custom made aluminium screeded door frame to match existing	No	3
4	Extra over for 900mm wide x 575mm high framed opening for metal louvre unit (louvre unit elsewhere)	No	33

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BUILDING WORK

Bill No. 3

Carpentry and Joinery

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	<p>Section No. 2 BUILDING WORK Bill No. 4 Ceilings, Partitions and Access Flooring IDC Renovations Provisional Bills of Quantities</p>			

Note: Circular bulkheads shall be given separately

Steel components

All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121

SUSPENDED CEILINGS

"Approved" Pre-painted 600 x 600 x 12,5mm futura 60 Inlay ceiling tiles with concealed tee suspension system including main and cross tees, necessary hangers, grids, etc with and including polystyrene backing, to match existing

1	Ceilings suspended not exceeding 1m below bottom of steel roof trusses or soffit of concrete	m2	401
2	Vertical portion of bulkhead 1m deep including standard steel branding at 300mm centres, joined with joiner sections and hung with suspension brackets including 12mm gypsum drywall board, rhinolite plaster, trim-tex deflection bead, flexible gasket, fire or acoustical caulk fixed to concrete slab in accordance with architect's detail 1	m	115

Approved cornices to suspended ceilings

3	"Shadowline" pre-painted cornices plugged	m	184
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PARTITIONS ETC

"Approved" Vitraflex System partitioning installed in accordance with manufacturer's instructions

4	Vitraflex "Classic" Modular Toilet Cubicle system, panels not exceeding 3.5m high consisting of partitions, doors and stiles of waterproof laminated construction with outer skins of vitreous enamel steel sheets bonded to wood particle board, with overall wall thickness not exceeding 20mm, Colour to match existing	m	33
5	Extra over partition not exceeding 3.5m high for vertical abutment	No	26
6	Extra over partition not exceeding 3.5m high for corner	No	3
7	Extra over partition not exceeding 3.5m high for T-intersection	No	11

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 Ceilings, Partitions and Access Flooring
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Doors

8 Extra over partition for doors including ironmongery in vitrafex panels to manufacturers specifications to match existing (hooks and wc indicator measured elsewhere)

No

22

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BUILDING WORK

Bill No. 4

Ceilings, Partitions and Access Flooring

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Ceilings, Partitions and Access Flooring

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1	Dormakaba Stainless Steel Rising Butt hinge (Code: DDR-SS-012).	No	58	
2	Hook and buffer	No	22	
3	WC Indicator set	No	22	
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	<p>Section No. 2 BUILDING WORK Bill No. 5 Ironmongery IDC Renovations Provisional Bills of Quantities</p>			

LOCKS

Approved locks

4	Dormakaba Satin Nickel 43mm master keyed single cylinder (Code: DSC 104301)	No	4
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HANDLES

Approved

5	Dormakaba Tubular curved Stainless Steel both through pull handle (Code: DPH212BT), size 25mm diameter x 590mm long.	Pairs	16.0
6	Dormakaba Commercial 128mm long spring loaded lever handle in Stainless Steel finish (Code: Cr003 keyhole)	Pairs	8.0
7	Dormakaba 52mm diameter Stainless Steel cylinder escutcheon set (Code: DCE-002)	Pairs	8.0
8	Dormakaba 52 x 52mm Stainless Steel square bathroom WC bolt set (Code: DWC-006)	Pairs	16.0

PUSH PLATES AND KICKING PLATES

Approved Aluminium

9	GEZE stainless steel pushplate (Code: 079/160), size 0,9 x 160 x 160mm	m	18
10	GEZE stainless steel kickplate (Code: 080/320), size 0,9 x 320 x 770mm	m	50

DOOR CLOSERS

Approved

11	Dormakaba delayed closing TS 73V rack and pinion projecting arm door closer (Code: TS 73V DC) with a closing force of EN 2-4 for maximum 1,100mm wide door	No	29
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Ironmongery
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LETTERS, NAMEPLATES, ETC

Approved

12	Dormakaba "Female" engraved grade 304 Stainless Steel sign (Code: DSS-131), size 150 x 150 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws	No	7
13	Dormakaba "Male" engraved grade 304 Stainless Steel sign (Code: DSS-130), size 150 x 150 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws	No	2
14	Dormakaba "Disabled" engraved grade 304 Stainless Steel sign (Code: DSS-133), size 150 x 150 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws	No	16
15	Dormakaba "Cleaner" engraved grade 304 Stainless Steel sign (Code: DSS-138), size 150 x 150 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws	No	

SUNDRIES

16	Dormakaba Stainless Steel floor mounted door stop (Code: DSS-SS-017), size 24 x 45mm fixed in accordance with the manufacturer's recommendations	m	29
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BATHROOM FITTINGS

Approved Aluminium

17	Hi-Tech Stainless products 32mm diameter grade 304 stainless steel pair of braced U-rails (code: 16), plugged and screwed to walls with stainless steel screws.	No	16
18	Hi-Tech Stainless products 32mm diameter grade 304 stainless steel cranked general purpose rail (code:24), plugged and screwed to walls with stainless steel screws.	No	16
19	Hi-Tech Stainless products 32mm diameter grade 304 stainless steel straight general purpose rail 650mm long, (code:9), plugged and screwed to walls with stainless steel screws.	No	16

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Ironmongery

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	<p>Section No. 2 BUILDING WORK Bill No. 6 Metalwork IDC Renovations Provisional Bills of Quantities</p>			

Extruded Aluminium louvres made of areofoil blades

1

Purpose made louvre unit for 900 x 575mm high opening

No

25

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Metalwork

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Metalwork

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	<p>Section No. 2 BUILDING WORK Bill No. 7 Plastering IDC Renovations Provisional Bills of Quantities</p>			

Panels

Granolithic shall be laid in panels not exceeding 14m² for granolithic finishes, not exceeding 9,5m² for bonded finishes and not exceeding 6m² for all external granolithic. Wherever possible, panels shall be square but at no time should the length of the panel exceed 1,5 times its width. Joints between panels shall be positioned, where possible, over joints in the floor slab and shall be at least 3mm wide through the full thickness of the finish, separated by strips of wood or fibreboard and finished with small V-joints

Laying

Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels

Bonded granolithic shall be applied to the slab after applying a 1:1 sand and cement slurry brushed over the surface and allowed to partially set before applying the granolithic, thoroughly compacted and lightly wood floated to the required levels

After wood floating, the monolithic and bonded granolithic shall remain undisturbed until bleeding has ceased and the surface has stiffened, any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated

Curing, seasoning and protection

Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying

Colour

Coloured granolithic shall be tinted with an approved colouring pigment mixed into a true and even colour

SPECIALIST PLASTER WALL COVERINGS

General

All specialist plaster wall coverings shall be executed in strict accordance with the manufacturer's instructions

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Plastering

**IDC Renovations
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Labour intensive methods

The contractor is required to use labour intensive methods for the items under this trade

INTERNAL PLASTER

Cement plaster on brickwork finished with and including 6mm gypsum plaster

1	On walls	m2	644
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Provisional Bills of Quantities**

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	<p><u>SECTION No. 2</u></p> <p><u>BUILDING WORK</u></p> <p><u>BILL No. 8</u></p> <p><u>TILING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing</u> _____</p> <p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding</p> <p>Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat</p> <p>Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts products as recommended by the manufacturer of the tiles</p> <p><u>WALL TILING</u></p> <p><u>Agulhas Sand 400 x 400 x 10mm Ceramic wall tiles fixed with adhesive to backing and flush pointed with tinted waterproof jointing compound, to match existing</u></p>			
1	On walls	m2	507	
	<p><u>FLOOR TILING</u></p> <p><u>Agulhas Sand 400 x 400 x 10mm Ceramic floor tiles fixed with adhesive to bedding and flush pointed with tinted waterproof jointing compound, to match existing</u></p>			
2	On floors and landings	m2	401	
	Carried to Collection			R
<p>Section No. 2 BUILDING WORK Bill No. 8 Tiling IDC Renovations Provisional Bills of Quantities</p>				

3

On narrow widths

m2

27

Carried to Collection

R

Section No. 2
BUILDING WORK
Bill No. 8
Tiling
IDC Renovations
Provisional Bills of Quantities

Section No. 2

BUILDING WORK

Bill No. 8

Tiling

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BUILDING WORK
Bill No. 8
Tiling

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Item No		Quantity	Rate	Amount
	<p><u>SECTION No. 2</u></p> <p><u>BUILDING WORK</u></p> <p><u>BILL No. 9</u></p> <p><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>uPVC pipes and fittings:</u></p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><u>uPVC pressure pipes and fittings:</u></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><u>Copper pipes:</u></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 style="text-align: center;">Carried to Collection</p> <p>Section No. 2 BUILDING WORK Bill No. 9 Plumbing and Drainage IDC Renovations Provisional Bills of Quantities</p>			R

Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level

Lead pipes and fittings

All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel

Reducing fittings

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

Wire gratings

Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings

Flush pans

Flush pans shall have straight or side outlets and "P" or "S" traps as necessary

Stainless steelbasins, sinks, wash troughs, urinals, etc.

Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable

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

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Plumbing and Drainage
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Petrolatum anti-corrosion tape

Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described

Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, sheeting, securing of same, etc

As-built drawings

Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the project manager for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)

SANITARY FITTINGS

Approved sanitary fittings

WCs

1	Vaal sanitaryware vitreous china "Orchid Paraplegic" 90 degrees wall hung open rim pan colour white (code: 439000WH), overall size 583 x 355 x 410mm high 90 degrees outlet open rim back inlet (code: 439016) pan, complete with seat and cover fixed on and including floor bracket (code: 8082Z000) with concealed back inlet flushvalve to match existng.	No	16
2	Vaal sanitaryware Orchid vitreous china 90 degrees wall hung open rim pan colour white (code: 439000WH), overall size 583 x 355 x 410mm high with seat (code:8531Z000) 90 degrees outlet open rim back inlet (code: 439016) pan, fixed on and including floor bracket (code: 8082Z000) with concealed back inlet flushvalve to match existng.	No	16

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3	Vaal sanitaryware Orchid vitreous china 90 degrees wall hung open rim pan colour white (code: 439101WH), overall size 583 x 355 x 410mm high with Hibiscus Jazz thermoset seat (code:8531Z000) fixed on and including floor bracket (code: 8082Z000) with exposed top inlet standard flushmaster to match existing.	No	1		
	Urinals				
4	Vaal sanitaryware 600 x 385 x 380 Lavatera top inlet white vitreous china wall mounted urinal (code: 705426WH) including 38mm chromium plated domical grating (code: 8787Z0) and chromium plated top inlet spreader (code: 7054Z1), automatic electronic flush valve, fixed on and including two hanger brackets (code: 8127Z0) and urinal division (code: 705200WH) fixed with and including fixing screws and hanger bracket all to match existing	No	1		
5	Vaal sanitaryware 565 x 275 x 310 Sweetpea waterless white vitreous china wall mounted urinal (code: 705027WH) including EcoSmellstop wast, fixed on and including two hanger brackets (code: 8127Z0) and urinal division (code: 705200WH) fixed with and including fixing screws and hanger bracket all to match existing	No	2		
	Basins				
6	Vaal sanitaryware President vitreous china underslung vanity basin colour white (code: 703900WH), overall size 580 x 410 x 210mm with integrated overflow and chrome plated basin waste (code: 8794Z000), fitted underneath opening in vanity top including hanger brackets (code: 8125Z000) to match existing	No	21		
7	Vaal sanitaryware Daisy vitreous china wall hung basin colour white (code: 700803WH), overall size 510 x 400 x 170mm with two tapholesincluding integrated overflow and chainstay hole and chrome plated basin waste (code: 8794Z000), bolted to wall with 2 no. 10mm bolts (code: 8448Z000) and sealed with silicone sealant where basin meets wall, to match existing	No	16		
	Carried to Collection				R
	Section No. 2 BUILDING WORK Bill No. 9 Plumbing and Drainage IDC Renovations Provisional Bills of Quantities				

Cisterns and Actuators

8	Geberit 120mm Sigma Kombrix concealed cistern for wall hung WC (article no. 110.350.00.5), front actuated with Sigma 0.1 dual-flush acuator (article no. 115.770.21.5) in bright chrome plated finish, including flush pipe and pan connector, water supply connection with angle stop valve, protection cover for flush pipe, fixed with included fastening materials inside solid wall from 120mm up to 200mm. All with Geberit conditional guarantee	No	30
9	Cobra Watertech chrome plated 38.2mm diameter outlet x 140 x 335mm long bent toilet flushpipe for standard flushmaster (code: FMT1-1) to match existing	No	1

Granite

10	600mm x 455mm granite top, 30mm thick granite colour Rustenburg with 20mm all exposed edges, fixed to supports (elsewhere specified) using dabs of 100% clear silicone adhesive at 200mm to 300mm centres along all supports with all joints filled with matching polyester resin glue. Surface to be sealed using an approved stone sealer.	m	23
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TRAPS ETC

uPVC

11	38mm Waste "P" trap	No	22
12	La Gio Bella solid brass 32mm x 32mm round heavy pattern bottle trap (code: A186) in chrome plated finish	No	17

TAPS, VALVES, ETC

Chrome Plated

13	Cobra Watertech 15mm chrome Medical Elbow Action deck mounted square-type pillar tap (code: 505-21R), including 1/4 inch turn ceramic disc head part red indice 1/2 inch BSP male inlet and flanged backnut manufactured in accordance with SANS 226 Type 2 installed in accordance with the manufacturers recommendations	No	32
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14	Cobra Watertech 15mm chrome Noka deck mounted basin mixer with pressure-compensating flow restrictor 6L/min flow rate (code: NA-951), installed in accordance with the manufacturer's recommendations	No	21		
15	Cobra Watertech 15mm chrome compression type angle regulating valve (code: 232-10)	No	76		
<u>Brass</u>					
16	Cobra Watertech 15mm brass wall mounted garden tap (code: 209-15G), manufactured in accordance with SANS 226 Type 2, including 3/4" BSP hose union 1/2" BSP male iron connection end spares head part complete S-28 and 1/2" light pattern tap washer C-098-15 installed in accordance with the manufacturer's recommendations	No			
<u>TESTING</u>					
17	Testing water pipe system		Item		
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BUILDING WORK

Bill No. 9

Plumbing and Drainage

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Plumbing and Drainage

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1	<p><u>SECTION No. 2</u></p> <p><u>BUILDING WORK</u></p> <p><u>BILL No. 10</u></p> <p><u>PAINTWORK</u></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> <p><u>PAINT SPECIFICATIONS</u></p> <p>NOTE: All paintwork to be of Plascon quality</p> <p><u>PAINTWORK ETC TO EXISTING AND NEW WORK</u></p> <p><u>ON FLOATED PLASTER</u></p> <p><u>One coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u></p> <p>On internal walls</p>	m2	463	
	Carried to Collection			R
	<p>Section No. 2 BUILDING WORK Bill No. 10 Paintwork IDC Renovations Provisional Bills of Quantities</p>			

ON PLASTER BOARD

One coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing

2	On ceiling bulkheads	m2	115
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ON WOOD

One coat oil wood primer, one coat universal undercoat and two coats enamel paint on

3	On doors	m2	62
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Carried to Collection

R

Section No. 2
BUILDING WORK
Bill No. 10
Paintwork
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Section No. 2

BUILDING WORK

Bill No. 10

Paintwork

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Paintwork

**IDC Renovations
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BUILDING WORK

SECTION SUMMARY - BUILDING WORK

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BUILDING WORK
**IDC Renovations
Provisional Bills of Quantities**

Item No		Quantity	Rate	Amount
	<p><u>SECTION No. 3</u></p> <p><u>BILL No. 1</u></p> <p><u>STRUCTURAL REPAIR WORKS</u> <u>(PROVISIONAL)</u></p> <p><u>Repair Works as per Destech Consulting Engineers' Structural Report Dated 30 January 2018</u></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 a compensation event 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><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 project manager</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 project manager</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 3 Structural Repair Works Bill No. 1 Structural Repair Works IDC Renovations Provisional Bills of Quantities</p>			
			R	

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

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

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)

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

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

Previously painted metal surfaces

Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal

Previously painted wood surfaces

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

PARKING GARAGE GROUND LEVEL

Diagonal Crack in corner of concrete slab

Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc

1 Hacking out loose concrete on existing concrete soffits, columns and walls to receive paint

m2

20

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Section No. 3
 Structural Repair Works
 Bill No. 1
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	<u>Making good existing concrete soffits</u>				
2	Prepare surface and patch cracks and holes with Pro-Struct 30/35NS Quickset Epoxy Paste where necessary.	m2	5		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint on concrete surfaces, to match existing</u>				
3	Ceilings and beams	m2	10		
	<u>BLOCK C WEST WING GROUND FLOOR</u>				
	<u>Perpendicular Crack in concrete slab at bridge connection point</u>				
	<u>Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc</u>				
4	Hacking out loose concrete on existing concrete soffits, columns and walls to receive paint	m2	20		
	<u>Making good existing concrete soffits</u>				
5	Prepare surface and patch cracks and holes with Pro-Struct 30/35NS Quickset Epoxy Paste where necessary.	m2	5		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint on concrete surfaces, to match existing</u>				
6	Ceilings and beams	m2	10		
	<u>BLOCK C WEST WING GROUND FLOOR</u>				
	<u>Diagonal Crack in infill brickwork at link bridge connection point</u>				
	<u>Carefully breaking down and remove existing brickwall</u>				
7	One brick wall	m2	10		
	<u>Brickwork of NFP bricks in class II mortar</u>				
8	One brick walls	m2	10		
	Carried to Collection				R
	Section No. 3 Structural Repair Works Bill No. 1 Structural Repair Works IDC Renovations Provisional Bills of Quantities				

	<u>Sundries</u>				
9	Cutting toothings and bonding new brickwork to existing	m2	3		
	<u>Cement plaster on brickwork finished with and including 6mm gypsum plaster</u>				
10	On walls	m2	20		
	<u>One coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
11	On internal walls	m2	20		
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u>				
12	Carpets to floors	m2	5		
	<u>500 x 500mm Belgotex Induna Carpet Tiles, laid in accordance to manufacturers specification</u>				
13	On floors	m2	5		
	<u>Movement Joints, etc</u>				
	<u>Vertical construction joints between concrete and brickwork including thick cement slurry to one face</u>				
14	Walls not exceeding 300mm thick	m	20		
	<u>Saw cut joints</u>				
15	50 x 3mm Saw cut joints in top of concrete (provisional)	m			
	<u>Joint forming material in movement joints</u>				
16	12mm Fibre board built in vertically between brick skin and concrete beams	m2	6		
	<u>BLOCK E WEST WING THIRD FLOOR</u>				
	<u>Vertical Crack in brickwork expansion joint</u>				
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	<u>Hacking up/off and removing silicone in expansion joint and preparing surfaces for new silicone, etc</u>				
17	Hacking out silicone in expansion joint that has been painted over	m2	5		
	<u>Two layers of 375 micron dampproof course in slip joints between vertical brick surfaces including cement mortar bed</u>				
18	10mm Joints not exceeding 300mm high	m	5		
	<u>Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc</u>				
19	Hacking out loose paint on existing concrete walls to receive paint	m2	20		
	<u>Making good existing crack in brickwork</u>				
20	Prepare surface and patch cracks and holes with Pro-Struct 30/35NS Quickset Epoxy Paste where necessary.	m2	20		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
21	On internal walls	m2	20		
	<u>BLOCK A EAST WING ATRIUM THIRD FLOOR</u>				
	<u>Diagonal Crack at corner of fibre cement infill panel</u>				
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
22	Remove fibre cement infill, set aside and later refix (include refixing) in position	m	10		
	<u>Horizontal construction joints between concrete and brickwork including thick cement slurry to one face</u>				
23	Walls not exceeding 300mm thick	m	20		
	<u>Joint forming material in movement joints</u>				
24	12mm Fibre board built in vertically between brick skin and concrete beams	m2	7		
	Carried to Collection				R
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	<u>Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc</u>				
25	Hacking out loose paint on existing concrete walls to receive paint	m2	5		
	<u>Making good existing crack in brickwork</u>				
26	Prepare surface and patch cracks and holes with Pro-Struct 30/35NS Quickset Epoxy Paste where necessary.	m2	1		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
27	Walls	m2	20		
	<u>BLOCK C WEST WING THIRD FLOOR</u>				
	<u>Diagonal Cracks in infill brickwork underneath concrete slab</u>				
	<u>Carefully breaking down and remove existing brickwall</u>				
28	One brick wall	m2	10		
	<u>Brickwork of NFP bricks in class II mortar</u>				
29	One brick walls	m2	10		
	<u>Sundries</u>				
30	Cutting toothings and bonding new brickwork to existing	m2	3		
	<u>Cement plaster on brickwork finished with and including 6mm gypsum plaster</u>				
31	On walls	m2	20		
	<u>One coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
32	On internal walls	m2	20		
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	<u>Making good existing floor finishes</u>				
33	Make good existing floor, prepare surface and patch cracks and holes with Pro-Struct 30/35NS Quickset Epoxy Paste where necessary.	m2	20		
	<u>Movement Joints, etc</u>				
	<u>Vertical construction joints between concrete and brickwork including thick cement slurry to one face</u>				
34	Walls not exceeding 300mm thick	m	20		
	<u>Saw cut joints</u>				
35	50 x 3mm Saw cut joints in top of concrete (provisional)	m	5		
	<u>Joint forming material in movement joints</u>				
36	12mm Fibre board built in vertically between brick skin and concrete beams	m2	6		
	<u>BLOCK E WEST WING SECOND FLOOR</u>				
	<u>Vertical Crack in brickwork next to concrete column</u>				
	<u>Hacking up/off and removing silicone in expansion joint and preparing surfaces for new silicone, etc</u>				
37	Hacking out silicone in expansion joint that has been painted over	m2	5		
	<u>Two layers of 375 micron dampproof course in slip joints between vertical brick surfaces including cement mortar bed</u>				
38	10mm Joints not exceeding 300mm high	m	10		
	<u>Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc</u>				
39	Hacking out loose paint on existing concrete walls to receive paint	m2	5		
	Carried to Collection				R
	Section No. 3 Structural Repair Works Bill No. 1 Structural Repair Works IDC Renovations Provisional Bills of Quantities				

	<u>Making good existing crack in brickwork</u>				
40	Prepare surface and patch cracks and holes with Pro-Struct 30/35NS Quickset Epoxy Paste where necessary.	m2	1		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
41	Walls	m2	20		
	<u>BLOCK B NORTH STAIRCASE SECOND FLOOR</u>				
	<u>Diagonal Cracking through staircase outer brickwork wall</u>				
	<u>Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc</u>				
42	Hacking out loose paint on existing brick walls to receive paint	m2	20		
	<u>Making good existing crack in brickwork</u>				
43	Prepare surface and patch cracks with with an expanded metal mesh before re-plaster and include re-plaster with a latex admixture added to plaster where necessary.	m2	5		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
44	Walls	m2	20		
	<u>Hacking up/off and removing cracked pointing from brickwork and preparing surfaces for new finishes, etc</u>				
45	On exterior walls	m	10		
	<u>Refill pointing between the bricks with an approved mortar repair product</u>				
46	On exterior walls	m	10		
	<u>BLOCK A VAULT SECOND FLOOR</u>				
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Diagonal Crack in brickwork above Vault door

Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc

47 Hacking out loose paint on existing brick walls to receive paint m2 20

Making good existing crack in brickwork

48 Prepare surface and patch cracks with with an expanded metal mesh before re-plaster and include re-plaster with a latex admixture added to plaster where necessary. m2 5

Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing

49 Walls m2 20

BLOCK C WEST WING GROUND FLOOR

Water damage to paintwork on concrete column

Investigation

50 Investigate cause of rising damp problem in atriums including full audit all roof elements including sheeting, skylights and concrete flat roofs as per Engineer's report Item

51 Allow for fixing any damp proof problems in atriums that may be revealed as a result of the investigation Item

52 Allow for water proofing any problematic areas in roof, skylights, concrete flat roofs after the investigation process is complete Item

Hacking up/off and removing paint from concrete or brickwork and preparing surfaces for new finishes, etc

53 Hacking out loose paint on existing concrete columns to receive paint m2 40

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Bill No. 1
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	<u>Making good existing crack in brickwork</u>				
54	Prepare surface and patch cracks with with an expanded metal mesh before re-plaster and include re-plaster with a latex admixture added to plaster where necessary.	m2	40		
	<u>Prepare surface, apply one coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
55	Walls	m2	40		
	<u>BLOCK C WEST WING GROUND FLOOR</u>				
	<u>Vertical Cracks in infill brickwork next to concrete column</u>				
	<u>Carefully breaking down and remove existing brickwall</u>				
56	One brick wall	m2	10		
	<u>Brickwork of NFP bricks in class II mortar</u>				
57	One brick walls	m2	10		
	<u>Sundries</u>				
58	Cutting toothings and bonding new brickwork to existing	m2	3		
	<u>Cement plaster on brickwork finished with and including 6mm gypsum plaster</u>				
59	On walls	m2	20		
	<u>One coat primer and two coats interior quality Resplendent (code y4-d2-3) emulsion paint, to match existing</u>				
60	On internal walls	m2	20		
	<u>Movement Joints, etc</u>				
	<u>Vertical construction joints between concrete and brickwork including thick cement slurry to one face</u>				
61	Walls not exceeding 300mm thick	m	20		
	Carried to Collection				R
	Section No. 3 Structural Repair Works Bill No. 1 Structural Repair Works IDC Renovations Provisional Bills of Quantities				

Joint forming material in movement joints

62

12mm Fibre board built in vertically between brick skin and concrete beams

m2

6

Carried to Collection

R

Section No. 3
Structural Repair Works
Bill No. 1
Structural Repair Works
IDC Renovations
Provisional Bills of Quantities

Section No. 3

Structural Repair Works

Bill No. 1

Structural Repair Works

COLLECTION

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3/1

3/2

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Carried to Final Summary

R

Section No. 3

Structural Repair Works

Bill No. 1

Structural Repair Works

IDC Renovations

Provisional Bills of Quantities

Item No		Quantity	Rate	Amount
	<p><u>SECTION No. 4</u></p> <p><u>BILL NO 1</u></p> <p><u>PROVISIONAL SUMS, ETC</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>All prime cost amounts and provisional sums are net. Prime cost amounts include for delivery to site of all articles concerned</p> <p><u>Profit</u></p> <p>Where stated, the contractor may allow for profit if required</p> <p><u>General attendance on selected subcontractors</u></p> <p>The item "Attendance" which follows each provisional sum for selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected subcontractors, the following:</p> <ol style="list-style-type: none"> 1. The services as set out in clause B9 of the Preliminaries 2. Hoisting of the selected subcontractor's material in batches that can be handled by the contractor's hoist or crane during normal working hours 3. Making good in all trades and cleaning down and removal of rubbish on completion <p><u>Preliminaries</u></p> <p>The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Sums"</p> <p><u>SUNDRY BUILDING WORK</u></p>			
	Carried to Collection		R	
	<p>Section No. 4 PROVISIONAL SUMS Bill No. 1 Provisional Sums IDC Renovations Provisional Bills of Quantities</p>			

Sundry Building Work

1 Provide the sum of R 50 000.00 (Fifty Thousand Rand) for mirrors, water supply pipes, fittings and other sundry building work, to be adjusted at schedule rates, to be used as directed by the architect and deducted in whole or in part if not required

Item

50,000.00

**PROVISIONAL SUMS FOR NOMINATED
SUBCONTRACT WORKS**

Electrical and Mechanical Installations

2 Provide the sum of R20,000.00 (Twenty Thousand Rand) for replacement of damaged extractor fans and other unforeseen Electrical and/or Mechanical Installations that may be required to be expended as directed by the principal Agent or his Representatives

Item

20,000.00

3 Profit

Item

4 Attendance

Item

Carried to Collection

R

Section No. 4
PROVISIONAL SUMS
Bill No. 1
Provisional Sums
**IDC Renovations
Provisional Bills of Quantities**

Section No. 4

PROVISIONAL SUMS

Bill No. 1

Provisional Sums

COLLECTION

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No**

Amount

4/1

4/2

Carried to Final Summary

R

Section No. 4

PROVISIONAL SUMS

Bill No. 1

Provisional Sums

IDC Renovations

Provisional Bills of Quantities

Section No	<u>FINAL SUMMARY</u>	Page No		Amount
1	PRELIMINARIES	1/24		
2	BUILDING WORK	2/41		
3	Structural Repair Works	3/12		
4	PROVISIONAL SUMS	4/3		
	SUB - TOTAL		R	
	ADD: Value-Added Tax @ 15%		R	
	Carried to Form of Tender		R	
	IDC Renovations Provisional Bills of Quantities			