

KCMQS PROJECT NO. N1007

Replacement of Asbestos Roof Covering of Eight (8) Blocks at Riverside Residence at the University of Venda, Thohoyandou, Limpopo Province (CIDB GRADING NO: 5GB)

VOLUME 2 OF 2

PROCUREMENT DOCUMENT

(Based on NEC3 Engineering and Construction Contract)

Date of Issue: 23 March 2022

Issued by:

Director Facilities Management

University of the Venda, Thohoyandou

Name of tenderer:
Telephone Number:
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Fax Number:
Cellphone Number:

Closing date: AS PER TENDER INVITATION

PREAMBLES FOR TRADE

PREAMBLES FOR TRADES

1. MODEL PREAMBLES FOR TRADES

The "Specification of Materials and Methods to be used - PW371" as issued by the Department of Public Works shall apply and shall be deemed to be incorporated herein.

The Bidders are referred to the above-mentioned document for the full description of materials to be used and work to be executed.

A copy of the above-mentioned document is available at the offices of the Principal Agent for inspection.

2. VARIATIONS AND/OR ADDITIONS TO MODEL PREAMBLES FOR TRADES

- 2.1 All work to be done in accordance to the detailed specification as per the Engineers and Architects drawings.
- 2.2 Where variations and/or additions to Model Preambles differ from Clauses contained in the "Specification of Materials and Methods to be used PW371", the variations and/or additions to Preambles shall take precedence.

3. MATERIALS AND WORKMANSHIP

Materials and workmanship shall be the best of their respective kinds. Only undamaged materials may be used in the works. Work shall be to the satisfaction of the Architect/Engineer and shall be executed in accordance with good building practice and the relevant Manufacturer's instruction. Where the term "approved" is used in connection with materials and workmanship, it shall mean that such materials shall be to the approval, instructions or choice of the Architect.

4. STANDARD SPECIFICATIONS

Materials and Workmanship shall comply with the Standard Building Regulations (SBR), National Building Regulations (NBR), SABS1200, the specifications and codes of practice of the South African Bureau of Standards, and CSIR recommendations. In cases of variance, these "Specification of Materials and Methods to be used - PW371" and any supplementary preambles thereto shall have precedence over the above-mentioned regulations, specifications and codes of practice. In cases of variance between the SBR and NBR, the NBR shall have precedence.

The latest issues of the above-mentioned regulations, specifications and codes of practice, as well as those of any other specifying body, to which reference is made, shall be applicable.

References to standard specifications and/or building regulations in these "Specification of Materials and Methods to be used - PW371" are for the information of the Contractor and shall in no way relieve him of his obligations under the Contact.

SECTION 1: PRELIMINARIES

	-	Quantity	Rate	Amount
	SECTION 1			
	BILL NO. 1			
	PRELIMINARIES			
	i) The NEC3 Engineering and Construction Contract Option B: Priced contract with bill of quantities (Third edition of June 2005 reprinted in April 2013) in conjunction with the Contract Data is taken to be incorporated herein	9		
	ii) The tenderer is deemed to have taken cognizance of the above mentioned documents for the full intent and meaning of each clause. These clauses are referred to by clause number and heading only			
20	iii) The amount of Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum and the amount for Preliminaries			
	iv) Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in (iii) but taking into account the revised period for completing the works			
,	v) The amount or the items of the Preliminaries are adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:			
	a) an amount which is not varied, namely fixed b) an amount which is varied in proportion to the contract value, namely value related; and c) an amount which is varied in proportional to the construction period as compared to the initial construction period excluding revisions to the construction period for which the contractor is not entitled to adjustment in terms of the contract, namely Time Related			
	Carried to Collection			٦
	Section No. 1 PRELIMINARIES AND GENERAL Bill No. 1 PRELIMINARIES AND GENERAL			

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Where no provision is made in Bills of Quantities to indicate which of the three categories in (v) apply or where no selection is made, the adjustments shall be beased on the following breakdown:			
a) 10 percent is Fixed b)15 percent is Value related c) 75 percent is Time Related			
The adjustments of the Preliminaries shall apply not withstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminaries shall exclude any contingecy sum and the amount for Preliminaries			
SECTION A: CONDITIONS OF CONTRACT			
CORE CLAUSES			
<u>GENERAL</u>			
Action (clause 10)			
Actions (clause 10.1)			
Fixed Related	Item	,	
Value Related	Item		
Time Related	Item		
Identified and defined terms (clause 11)			
Condition of contract (clause 11.1)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
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Defined terms (clause 11.2)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Interpretation and the law (clause 12)	×.			
Interpretation of the law (clause 12.1 - 12.4)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Communication (clause 13)				
Communication (clause 13.1 - 13.8)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
The Project Manager and the Supervisor (clause 14)				
The Project Manager and the Supervisor (clause 14.1 -				
14.4)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
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Adding to the Working Areas (clause 15)		
Adding to the Working Areas (clause 15.1)		
Fixed Related	Item	
Value Related	Item	
Time Related	Item	
Early Warning (clause 16)		
Early Warning (clause 16.1 - 16.4) and added clause 16.5 as per contract data		
Fixed Related	Item	
Value Related	Item	
Time Related	Item	
Ambiguities and inconsistencies (clause 17)		
Ambiguities and inconsistencies (clause 17.1)		
Fixed Related	Item	
Value Related	Item	
Time Related	Item	
Illegal and impossible requirements (clause 18)		27
Illegal and impossible requirements (clause 18.1)		
Fixed Related	Item	
Value Related	Item	
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Prevention (clause 19)				
Prevention (clause 19.1))				
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
THE CONTRACTOR'S MAIN RESPONSIBILITIES				
Providing the Works (clause 20)				
Providing the Works (clause 20.1)				
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
The Contractor's design (clause 21)				
The contractor's design (clause 21.1 - 21.	3)			
		20		
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Using the Contractor's design (clause				
Using the Contractor's design (clause 22.	1)			
	Fixed Related	Item		
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	Value Related	Item			
	Time Related	Item			
1	Design of Equipment (clause 23)				
	Design of Equipment (clause 23.1)	24			
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
	People (clause 24)				
	People (clause 24.1 - 24.2)				
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
	Working with the Employer and Others (clause 25)				
	Working with the Employer and Others (clause 25.1 -				
	25.3)				
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
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Sub-contracting (clause 26)				
Sub-contracting (clause 26.1 - 26.3)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Other responsibilities (clause 27)				
Other responsibilities (clause 27.1 - 27.4)		•		
Cuter responsibilities (clause 2111 2111)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
<u>TIME</u>				
Starting, Completion and Key dates (clause 30)				
Starting date (clause 30.1)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Completion date (clause 30.2)				
Fixed Related	Item		13	
Value Related	Item	1		
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Time Related	Item			
Key date (clause 30.3)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
The Programme (clause 31)				
The Programme (clause 31.1 - 31.3)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Revising the programme (clause 32)				
Revising the programme (clause 32.1 - 32.2)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Access to and use of the Site (clause 33)				
Access to and use of the Site (clause 33.1)			64	
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
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1	Instruction to stop or not to start work (clause 34) Instruction to stop or not to start work (clause 34.1)			
	Fixed Related Value Related Time Related Take over (clause 35)	Item Item Item		v
	Take over (clause 35.1 - 35.3)			
	Fixed Related Value Related	Item Item		
	Acceleration (clause 36) Acceleration (clause 36.1 - 36.3)	ICIII		
	Fixed Related Value Related	Item Item		
	Time Related TESTING AND DEFECTS	Item		
	Testing and inspections (clause 40) Testing and inspections (clause 40.1 - 40.6)			
,	Fixed Related	Item		
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Value Related	Item		
Time Related	Item		
Testing and inspections before delivery (Clause 41)			
Testing and inspection before delivery (clause 41.1)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Searching for and notifying Defects (Clause 42)			
Searching for and notifying Defects (Clause 42.1 - 42.2)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Correcting Defects (Clause 43)			
Correcting Defects (Clause 43.1 - 43.4)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
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Accepting Defects (clause 44)			
Accepting Defects (clause 44.1 - 44.2)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Uncorrected Defects (clause 45)			
Uncorrected Defects (clause 45.1 - 45.2)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
PAYMENT			
Assessing the amount due (clause 50)			
Assessing the amount due (clause 50.1 - 50.5)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
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Payment (clause 51)			
Payment (clause 51.1 - 51.4)			
First D. Let	ı Item		
Fixed Related			
Value Related	d Item		
Time Relate	d Item		
Defined Cost (clause 52)			
Defined Cost (clause 52.1)			
Fixed Relate	d Item		
Value Relate	d Item		
Time Relate	d Item		
The Bills of Quantities (clause 55)			
The bills of quantities (clause 55.1)			
Fixed Relate	ed Item	n	
Value Relate	ed Item	n	
Time Relate	ed Item	ا ا	
COMPENSATION EVENTS			
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Carried to Collec	tion	R	
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Compensation events (clause 60)			
Compensation events (clause 60.1 - 60.7)			
Fixed Related	Item		2
Value Related	Item		
Time Related	Item		
Notifying compensation events (clause 61)			
Notifying compensation events (clause 61.1 - 61.7)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Quotation for compensation events (clause 62)			
Quotation for compensation events (clause 62.1 - 62.6)			
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Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Carried to Collection		R	
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Assessing compensation events Assessing compensation events (
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	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
The Project Manager's assessn	nent (clause 64)			
The Project Manager's assessme 64.4)	ent (clause 64.1 -			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Implementing compensation e	vents (clause 65)			
Implementing compensation eve	nts (clause 65.1 - 65.4)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
TITLE				
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The Employer's title to Plant and 70)	<u>Materials (clause</u>			
Plant and Materials outside the wor 70.1)	king area (clause			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Plant and Materials within the work 70.2)	ing area (clause			s
10.2)				
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Marking Equipment, Plant and N Working Areas (clause 71)	laterials outside			
Marking Equipment, Plant and Mat Working Areas (clause 71.1)	rerials outside			
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*	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
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Removing Equipment (clause 72)				
Removing Equipment (clause 72.1)				
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Objects and materials within the	site (clause 73)			
Objects and materials within the site	e (clause 73.1 - 73.2)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
RISK AND INSURANCE				
Employer's risk (clause 80)				
Employer's risk (clause 80.1)				
	Fixed Related	Item		
	Value Related	Item		
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	Time Related	Item			
Contractor's risk (clause 81)					
Contractor's risk (clause 81.1)					
,	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
Repairs (clause 82)					
Repairs (clause 82.1)					
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
Indemnity (clause 83)					
Indemnity (clause 83.1- 83.2)					
	Fixed Related	Item			
	Value Related	Item			
		Item			
	Time Related	item			
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Insurance cover (clause 84)				
Insurance cover (clause 84.1 - 84.2)				
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Incurrence policies (clause 95)	Time Rolated			
Insurance policies (clause 85) Insurance policies (clause 85.1 - 85.4)				
misurance policies (clause oc. 1 - 66.4)				
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
If the Contractor does not insure (c	lause 86)			
If the Contractor does not insure (clau	se 86.1)			
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	Ei - I Poloted	Item		
	Fixed Related	Item		
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Insurance by the Employer (clause 87)		
Insurance by the Employer (clause 87.1 -87.3)		
	e	
Fixed Related	Item	
Value Related	Item	
Time Related	Item	
TERMINATION		
Termination (clause 90)		
Termination (clause 90.1 - 90.5)		
Fixed Related	Item	
Value Related	Item	
Time Related	Item	
Reasons for termination (clause 91)		
Reasons for termination (clause 91.1 - 91.7)		
Fixed Related	Item	
Carried to Collection Section No. 1		R
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I	Value Related	Item		
	Time Related	Item		
Procedures on termination (clause 92)	2			
Procedures on termination (clause 92.1 -				
Troocaaree en termination (eraties services	,			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
Payment on termination (clause 93)				
Procedures on termination (clause 93.1	- 93.2)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
MAIN OPTION CLAUSES				
DISPUTE RESOLUTION				
Option W1				
Dispute Resolution (clause W1.1)				
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1	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
	The Adjudicator (clause W1.2)				
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
	The Adjudication (clause W1.3)				
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item			
	Review by the Tribunal (clause W1.4)				
	Fixed Related	Item			
	Value Related	Item			
	Time Related	Item	i.		
	SECONDARY OPTION CLAUSES				
	Price adjustment for inflation (Option X1)				
	Defined terms (clause X1.1)		Đ		
	Fixed Related	Item		=	
	Value Related	Item			
	Time Related	Item			
	Price Adjustment Factor (clause X1.2)				
	Fixed Related	Item			
	Carried to Collection		R		
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REPLACEMENT OF ASBESTOS ROOF COVERINGS OF EIGHT (8) BLOCKS AT RIVERSIDE RESIDENCES FOR THE UNIVERSITY OF VENDA

	Value Related	Item		
	Time Related	Item		
	Compensation Event (clause X1.3)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
F	Price Adjustment (clause X1.4)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
	Changes in the law (Option X2)			
	Changes in the law (clause X2.1)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
	Delay damages (Option X7)			
	Delay damages (clause X7.1 - X7.3)			
	Fixed Related	Item		
	Value Related	Item		
	Time Related	Item		
	Perfomance bond (Option X13)			
	Performance bond (Option X13.1)			
	Fixed Related	Item		
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Value Related	Item		
Time Related	Item		
Advanced payment to the contractor (Option X14)			
Advanced payment to the contractor (Option X14.1 - X14.3)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Limitation of the Contractor's liability for his design to reasonable skill and care (Option X15)			
Limitation of the Contractor's liability for his design to reasonable skill and care (Option X15.1 - X15.2)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Retention (Option X16)			
Retention (Option X16.1 - X16.2)			
Fixed Related	Item		
Value Related	Item		
Time Related	Item		
Low performance damages (Option X17)			
Low performance damages (Option X17.1)			
Fixed Related	Item		
Carried to Collection		R	
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Value Related	Item			
Time Related	Item			
Limitation of Liability (Option X18)				
Limitation of Liability (Option X18.1 - X18.5)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
CONTRACT DATA				
Contractual Requirements as stated elsewhere in the document				
ESTABLISHMENT OF FACILITIES ON THE SITE				
Facilities for Project Manager				
Furnished offices (In no 1)	-		-	
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Name boards (In no 1)				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Offices and storage sheds				
Fixed Related	Item			
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Value Related	Item Item			
Time Relate	Item			
Facilities for the contractor				
Living accommodation				
Fixed Relate	d Item			
Value Relate	d Item			
Time Relate	d Item			
Ablution and latrine facilities				
Fixed Relate	d Item			
Value Relate	d Item			
Time Relate	d Item			
Tools and Equiments				
Fixed Relate	d Item			
Value Relate	d Item			
Time Relate	d Item			
Water supplies, electric power, communication, dealing with water and access				
Fixed Relate	d Item		4	
Value Relate	d Item			
Time Relate	ed Item			
Other fixed charge obligations				
Fixed Relate	ed Item	1		
Value Relate	ed Item	1		
Time Relate	ed Item	n		
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Carried to Collect	ion	R		
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Removal of site establishment			[
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Occupational Health and safety				
Allow for compliance to Occupational Health and safety specifications including, OHS testing of personnel before commencement and after completion of project, safety equipment and safety officer.				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Allow for compliance with all COVID 19 Regulations and Requirements				
Fixed Related	Item			
Value Related	Item			
Time Related	Item			
Carried to Collection		R		
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Bill 1	No. 1 ILIMINARIES AND GENERAL			
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SECTION 2: BUILDING

	Quantity	Rate	Amount
SECTION NO.2			
BILL NO. 1			
ALTERATIONS			
For Preambles refer to "Department of Public Works: Specification of material and methods to be used - PW371"			
REMOVAL OF EXISTING WORK:			
NATURE OF WORK: Tenderers are advised to visit the site and to satisfy themselves as to the nature and extent of the work to be done and provide in their tenders any items not specifically mentioned which they may deem necessary for the proper completion of the work.			
DIMENSIONS The Contractor is advised to take all dimensions affecting the existing buildings on the site, as he will be held solely responsible for all new work being of the correct size.			
PIPES, ETC Special care is to be taken not to interfere unnecessary with any supply pipes or other piping that may be met with and found necessary to disconnect or cut, are to be effectively stopped off and any new connections that may be necessary are to be made with proper fittings and to the satisfaction of the Project Manager to whom due notice must be given of any alterations to the existing services.			0
PROTECTION In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the buildings. The Contractor must also protect all work not removed such as walls, floors, doors, windows or other loose and fixed fittings and electrical appliances, etc. from damage during the progress of the work and provide all necessary materials for doing so. The Contractor will be held solely responsible for any damage to persons or property and for the safety of the structure throughout the whole of this Contract and must make good at his own expense any damage that may occur.			
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Section No. 2 BUILDING Bill No. 1 ALTERATIONS			

Item No

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	OLD USABLE MATERIALS from the alterations/demolitions are to become the property of the Client. Old materials for re-use are to be carefully removed, stored and protected from injury including making good any damaged or defective parts as required before fixing. Old reusable materials are to be handed over to the Client are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish to be immediately carted away and the site left clean and unencumbered. The Contractor should allow for removing of rubble from site on daily basis, failing which the client might stop the construction until the site has been cleaned. None of the old stock bricks from the pulling down are to be re-used for any new work. Materials to be handed over to the Client Representative who shall sign for all materials received.					
	MATERIALS, ETC The materials to be used and work to be done to be similar in all respects to that described for new work insofar as they concur. All work in making good is to be properly jointed to the existing.					
	Unless otherwise stated, all usable material from the demolitions should be kept safely and handed over to the Client Representative who shall sign for all material received.					
	REMOVAL OF EXISTING WORKS					
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				, and	
1	Gypsum plasterboard ceilings in patches including leaving brandering in tact for new ceilings	m2	35			
2	Gypsum plasterboard ceiling including cornice, timber brandering, etc	m2	60			
3	19 x 76mm coved cornice in patches	m	15			
				40		
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	Section No. 2					
	BUILDING Bill No. 1					
	ALTERATIONS					
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Section No. 2				
BUILDING				
Bill No. 1				
ALTERATIONS				
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Section No. 2 BUILDING				
Bill No. 1 ALTERATIONS				

	Quantity	Rate	Amount
SECTION NO. 2			
BILL NO. 2			
ROOF COVERINGS, ETC.			
For Preambles refer to "Department of Public Works: Specification of material and methods to be used - PW371"			
SUPPLEMENTARY PREAMBLES			
All items are measured net unless otherwise described			
Flashings, trimming plates, etc.			
Prices to include for all cutting and waste and relevant fixing material, unless otherwise described			
All rates for flashings, trimmings, etc., to include for forming drips and closed ends to troughs of sheet steel roof covering where applicable			
All items are unless otherwise described measured net			
Roof:			
The roof sheeting/side cladding shall be a double interlocking concealed-fix Saflok 700 profile roll-formed in continuous lengths and cut to length by pneumatic cut-off process from certified ZincAL 0,5mm steel. A ceritificate verifying compliance shall be issued by the manufacturer, Safintra roofing. The profile shall be roll formed with 4 ribs and centres not exceeding 233mm and a cover width not exceeding 700mm width. The male rib is to include spurs to ensure a double interlocking action with adjacent sheets. The minimum sheet depth will be 41mm. Two longitudinal stiffening ribs to be incorporated in each pan.			
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Section No. 2 BUILDING Bill No. 2 ROOF COVERINGS, ETC.			

Item No

١	Roof Installer:	1			
	The roof shall be installed by a Safintra accredited and approved installer, who will present their accreditation to the Architects for their scrutiny before commencing				
	PROFILED METAL SHEETING AND ACCESSORIES				
	Saflok 700 0,5mm Thick Colorplus AZ100, Colour to be confirmed, C.1.S finish with standard backing coat Cool Grey G550 interlocking roof sheeting with AZ100 spelter to both sides fixed to timber purlins not exceeding 1900mm centres and to ridge and eaves at not exceeding 1700mm centres. Saflok 700 ZincAL 0,8mm clips fastened with Fixtite Class 4 self tapping wafer head 10 x 22mm for timber fix all in accordance with manufacturer's recommendations.				
1	Roof coverings with pitches not exceeding 25 degrees	m2	6 608		
2	Head wall flashing 462mm girth, two times bent along				
	girth.	m	560		
3	Saflok metal broad flute closure	m	560		
4	Saflok Poly closures	m	560		
5	Side wall flashing 462mm girth, two times bent along girth.	m	704		
6	Counter flashing 185mm girth, two times bent along girth.	m	1 264		
7	Hip capping 660mm girth, three times bent along girth.	m	250		
8	Apex flashing 660mm girth, three times bent along girth.	m	352		
9	Ridge flashing 660mm girth, three times bent along girth.	m	246		
10	Vertical Cladding	m2	880		
	Carried to Collection Section No. 2 BUILDING Bill No. 2			R	_
	ROOF COVERINGS, ETC.				

11	Saflok 700 0,5mm Thick Colorplus AZ100, Colour to be confirmed, C.1.S finish with standard backing coat Cool Grey G550 interlocking roof sheeting with AZ100 spelter to both sides fixed to steel purlins not exceeding 1900mm centres and to ridge and eaves at not exceeding 1700mm centres. Saflok 700 ZincAL 0,8mm clips fastened with Fixtite Class 4 self tapping wafer head 10 x 22mm for steel fix all in accordance with manufacturer's recommendations.					
11	Roof covering circular on elevation along the fall to 1m radius		240			
		m2	340			
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	Bill No. 2 ROOF COVERINGS, ETC.					

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Section No. 2				
BUILDING				
Bill No. 2				
ROOF COVERINGS, ETC.				
COLLECTION				
Total Brought Forward from Page No.	Page No 32 33		Amount	
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Item No			Quantity	Rate	Amount	
	SECTION NO. 2					
	BILL NO. 3					
V.	CEILINGS ETC					
	For Preambles refer to "Department of Public Works: Specification of material and methods to be used - PW371"					
	NAILED UP CEILINGS					
	"Rhino" gypsum plasterboard cornices					
1	75mm Coved cornices	m	30			
2	75mm Coved cornices in patches	m	15			
	6mm "Everite Nutec" fibre-cement boards with H-profile primed steel jointing cover strips over joints					
3	Ceilings including 38 x 38mm brandering at 90deg to trusses at maximum centres of 400mm by 32mm long galvanised nails.	m2	60			
4	Ceilings in patches nailed to existing 38 x 38mm brandering at 90deg to trusses at maximum centres of 400mm by 32mm long galvanised nails.	m2	35			
5	Extra over ceiling for opening for 610 x 610mm trap door of 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1			
	Carried Forward to Summary of Section No. 2 Section No. 2 BUILDING Bill No. 3 CEILINGS, ETC.			F	2	

Item No		Quantity	Rate	Amount
	SECTION NO. 2			
	BILL NO. 4			
	PAINTWORK			
	For Preambles refer to "Department of Public Works: Specification of material and methods to be used - PW371"			
	PAINTWORK ETC TO NEW WORK			
	ON FIBRE-CEMENT			
	Plascon Polvin Super Acrylic to interior new fibre cement. Surface to be dry, sound and clean, with a moisture content, measured with a Doser Hygrometer (or equivalent), of BD 2 scale - 8% or less. Prime with one coat Plascon Plaster Primer (UC 56) with an overcoating time of 16 hours and finish with two coats Polvin Super Acrylic (EPL) with 1 hour drying time between coats, for a maintenance cycle of 5 years in a C1 - inland environment.			
1	On ceilings and cornices m	2 95		
	PAINTWORK			
	PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK			
	ON FIBRE-CEMENT			
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	Section No. 2 BUILDING Bill No. 4 PAINTWORK			

	Plascon Polvin Super Acrylic to interior new fibre cement. Surface to be dry, sound and clean, with a moisture content, measured with a Doser Hygrometer (or equivalent), of BD 2 scale - 8% or less. Prime with one coat Plascon Plaster Primer (UC 56) with an overcoating time of 16 hours and finish with two coats Polvin Super Acrylic (EPL) with 1 hour drying time between coats, for a maintenance cycle of 5 years in a C1 - inland environment.				
2	On ceilings and cornices	m2	65		
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	Bill No. 4 PAINTWORK				
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Section No. 2				
BUILDING				
Bill No. 4				
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	Section No. 2			
	BUILDING			
Bill No	SECTION SUMMARY - BUILDING	Page No		Amount
1	ALTERATIONS	31		
2	ROOF COVERINGS, ETC.	35		
3	CEILINGS, ETC.	36		
4	PAINTWORK	39	11	
	Carried to Final Summary Section No. 2 BUILDING		R	

SECTION 3: PROVISIONAL SUMS

Item No		Quantity	Rate	Amount
	SECTION NO. 3			
	BILL NO.1			
	PROVISIONAL SUMS			
	For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades			
	SUPPLEMENTARY PREAMBLES			
	NOTE: Tenderers are referred to the definition of general attendance on nominated sub-contractors given in Clause 9 of the Preliminaries			
	NOTE: Under no circumstances may any Prime Cost - Provisional Amount, etc be extended at an amount lower than the amount given in the Bill			
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	Section No. 3 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS		R	

	THE FOLLOWING PROVISIONAL SUMS ARE FOR WORK TO BE EXECUTED BY SELECTED SUBCONTRACTORS				
The second secon	The following Provisional Sums are for specialists 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 Domestic Sub-Contractor to the Contractor				
	A Selected Sub-Contractor shall be a Sub-contractor executing work for which a sum of money is provided for in the Bills of Quantities or a Sub-contractor executing additional specialist work which arises as a result of an instruction by the Project Manager				
	Tender documents for such work shall be prepared by the Project in consultation with and to the approval of the Contractor and such tender document shall be issued by the Project Manager to a list of tenderers agreed upon between the Project Manager and Contractor.				
	Tenders shall be submitted to the Project Manager.			10	
	*				
	Removal of Asbestos Roof Coverings, etc.				
1	Provide the sum of R900 000-00 (nine hundred thousand rand) for safe removal and disposal of Asbestos Roof Coverings etc. and material by an approved Specialists	Item		900 000,00	
2	Allow for profit on above if required	Item			
		ltomo			
3	Allow for giving every facility to Specialists as described	Item			
	Reinforcing of Timber Roof construction				
4	Provide the sum of R1200 000-00 (one million two hundred thousand rand) for the bracing and repair of damaged Timber Roof Construction by Specialists	Item		1 200 000.00	
5	Allow for giving every facility to Specialists as described	Item			
6	Allow for profit on above if required	Item			
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	PROVISIONAL SUMS				
	Bill No. 1 PROVISIONAL SUMS				
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Section No. 3			
PROVISIONAL SUMS			
Bill No. 1			
PROVISIONAL SUMS			
COLLECTION			¥.
Total Brought Forward from Page No.	Page No 41 42		Amount
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Carried to Final Summary Section No. 3 PROVISIONAL SUMS Bill No. 1 PROVISIONAL SUMS		R	

FINAL SUMMARY

Section No	FINAL SUMMARY	Page No		Amount	
1	PRELIMINARIES AND GENERAL	28			
2	BUILDING	40			
3	PROVISIONAL SUMS	43			
	Sub total Carried to Final Summary		R		_
	CONTINGENCY SUM				
9	Allow the amount of R350 000-00 (Three hundred and fifty thousand rand) for Contingencies for building work, to be used as directed by the Project Manager and deducted in whole or in part if not required			250 000	00
		Item		350 000.0	
	Sub total (VAT excl)		R		
	Vat at the rate of 15%		R		
	Sub Total (VAT INCL.) CARRIED TO TENDER FORM		R		
	Carried to Final Summary		R		
					1