

**Proposed Completion of CET College Offices**

**Site Location: Mpumalanga Province**

**Description: Completion Construction of CET College**

DESCRIPTION	UNIT	BILL OF QUANTITIES		
		QUANTITY	RATE	AMOUNT
<b>BILL NO 1</b>				
<b>1 PRELIMINARIES</b>				
<b>Adjustment of Preliminaries (Option A)</b>				
Site Representatives and Management (Time)	Item	1	R -	
Temporary works and plant (Time)	Item	1	R -	
Cleaning (Fixed)	Item	1	R -	
Temporary Establishment (Fixed)	Item	1	R -	
Phones (Time)	Item	1	R -	
Water (Time)	Item	1	R -	
Ablutions (Time)	Item	1	R -	
Electricity (Time)	Item	1	R -	
Sign Boards (Fixed)	Item	1	R -	
Safety (Fixed)	Item	1	R -	
Insurances and Guarantees (Fixed)	Item	1	R -	
<b>Payment of Preliminaries (Option B)</b>				
Establishment Charge	Item	1	R -	R -
Monthly Charge	Mnths	1	R -	R -
Disestablishment	Item	1	R -	R -
<b>TOTAL CARRIED FORWARD</b>				<b>R -</b>

**BILL NO 2****2 ALTERATIONS, ETC****Making good implies that all necessary repairs are to be**

made to reinstate articles that may be damaged through the removal or otherwise, and the supplying of any new materials to match existing work, and is to include any necessary repairs to adjacent finishings such as floors, skirtings, plaster, painting, etc and such making good is to match adjoining work in all respects and in all trades

**GENERAL****Protection from damage**

All floors, doors, windows, fittings, ceilings, roofs, etc not to be removed and become the property of the Contractor shall be adequately protected from damage during the progress of the works and any damage resulting from the repairs, renovations, alterations or demolitions shall be made good by the Contractor at his own expense

**Temporary barriers, screens, etc including removal**

Security and safety warning tapes and signage to enclose the Works where necessary

Any temporary tarpaulins, dust and weatherproof screens and barriers that may be necessary for protection of the Works

Allow 100m of temporary shade cloth hoarding 2.1m high

**PREPARATORY WORK TO EXISTING SURFACES**

Prepare walls to receive interior quality paint (elsewhere measured)

**MAKING GOOD OF FINISHES ETC****Inspect, overhaul, repair where necessary, adjust, service and clean existing internal finishes**

All Internal and External plastered surfaces to be prepared to receive paint

all the shopfront/cladding to be inspected and make good to receive Drywall cleats and screws

Floor finishing to jet sprayed to satisfactory

Inspect all existing ironmongery doors to remain and prepare for replacing where necessary

<b>TOTAL CARRIED FORWARD</b>					<b>R</b>	<b>-</b>
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Item	1	R	-	R	-
Item	1	R	-	R	-
Item	1	R	-	R	-
m <sup>2</sup>	311	R	-	R	-
Item	1	R	-	R	-
Item	1	R	-	R	-
m <sup>2</sup>	504	R	-	R	-
Item	1	R	-	R	-

<p><b>BILL NO 3</b></p> <p>3 <b><u>MASONRY</u></b></p> <p><b>RECEPTION AREA</b></p> <p><b><u>Brickwork of NFP bricks in class II mortar</u></b></p> <p>110mm Thick brick walls</p>	m <sup>2</sup>	11	R	-	R	-			
<b>TOTAL CARRIED FORWARD</b>								R	-
<p><b>BILL NO 4</b></p> <p>4 <b><u>WATERPROOFING</u></b></p> <p><b>DAMPPROOFING OF WALLS AND FLOORS</b></p> <p><b>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</b></p> <p>In walls</p> <p><b>Bagging of 1:3 cement and sand mixture</b></p> <p>On brick walls, specifically by the 'Sink'</p>	m <sup>2</sup>	1	R	-	R	-			
<b>TOTAL CARRIED FORWARD</b>								R	-

<b>BILL NO 5</b>						
5 <b>CARPENTRY AND JOINERY</b>						
<b>DOORS, ETC</b>						
<b>Hollowcore doors</b>						
Hollowcore door 600 x 2100mm high	No	1	R	-	R	-
<b>FRAMED FRAMES, ETC</b>						
<b>Wrought meranti</b>						
Heavy solid. 44 x 100mm Rebated timber frames to single door size 600 x 2100mm.	No	1	R	-	R	-
<b>WOODEN FLOORS</b>						
<b>4,5mm thick 'Van Dyck Pergo' premium click vinyl Plank floor.</b>						
On floors	m2	493	R	-	R	-
<b>TOTAL CARRIED FORWARD</b>					R	-

<b>BILL NO 6</b>						
<b>6 <u>CEILING PARTITIONS AND ACCESS FLOORING</u></b>						
<b>NAILED UP CEILINGS</b>						
<p>Lafarge Gypsum lay-in Ceiling system with 600 x 600 x 12mm thick square edged jumbo shell white vinyl ceiling tiles, laid on 15 x 38mm high double stitched slotted main tees at 1200mm centres and at 600mm centres all in colour white, including necessary grids, locking type ends clips, fire expansion punchouts to main tees, etc. suspended by 25 x 25 x 1,6mm thick angle cleats, not exceeding 1200mm centres. Ceiling perimeter to be finished using 34 x 40mm shadow line wall angle in accordance to SABISA installation guidelines.</p>						
600 x 600 x 12mm Gypsum tiles to angle tees at 1200mm centres and 600mm centres.	m <sup>2</sup>	332	R	-	R	-
<p>9,5mm "Rhino" gypsum plasterboard with 63mm wide strips of mesh scrim nailed over joints and the whole finished with gypsum skim plaster trowelled to a smooth polished surface. Or similar approved by manufacturer.</p>						
Bulkheads.	m <sup>2</sup>	172	R	-	R	-
Extra over ceiling for 400 x 400mm trap door of wrought softwood rebated framing with sawn softwood cross brander covered with ceiling board and fitted flush in opening.	No	1	R	-	R	-
<p>Drywall Partitioning system with overall thickness of 99mm comprising framing formed of 51mm galvanised steel studs fixed at 600 centres of galvanised steel and bottom track, including any additional steel studding necessary at door opening, glazed or other apertures, abutments, ends, corners etc. covered with 12mm thick "JUMBO plasterboard" in single length, to suit height, butt jointed and screwed to studding with 25mm drywall screws at maximum 300mm centres, the joints taped over and flushed over with jointing compound prepared for painting. All aluminium door frames, glazing, sections, corners, transoms, cornice, skirting shall be formed Anodised aluminium sections (Intersections and abutments are measured separately and descriptions shall be deemed to include any additional studs, corner beads, jointing, tape, etc)</p>						
Partitioning Walls	m <sup>2</sup>	472	R	-	R	-
<b>TOTAL CARRIED FORWARD</b>					<b>R</b>	<b>-</b>
<b>BILL NO 7</b>						
<b>7 <u>PLASTERING</u></b>						
<b>SCREEDS</b>						
<b>Screeds on concrete</b>						
25mm Thick on floors and landings	m <sup>2</sup>	504	R	-	R	-
<b>INTERNAL PLASTER</b>						
<b>Cement plaster on brickwork or concrete</b>						
On walls	m <sup>2</sup>	152	R	-	R	-
On narrow widths	m <sup>2</sup>	15	R	-	R	-
<b>TOTAL CARRIED FORWARD</b>					<b>R</b>	<b>-</b>

<b>BILL NO 8</b>						
<b>8 TILING</b>						
<b>WALL TILING</b>						
<b>300 x 300mm Feature wall tiles fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted waterproof jointing compound, all to be confirmed by Interior Designer or Client.</b>						
On walls to splash back	m <sup>2</sup>	1	R	-	R	-
Narrow widths	m <sup>2</sup>	0	R	-	R	-
<b>FLOOR TILING</b>						
<b>300X300X10mm 'Glazed Ceramic' non-slip ceramic tiles with adhesive to sreed. Or similar approved(elsewhere measured)</b>						
On floors and landings	m <sup>2</sup>	11	R	-	R	-
On narrow widths	m <sup>2</sup>	1	R	-	R	-
<b>TOTAL CARRIED FORWARD</b>					<b>R</b>	<b>-</b>

BILL NO 9				
9 <u>PAINWORK</u>				
PAINTWORK, ETC TO NEW WORK ON				
FLOATED PLASTER SURFACES WITH				
<p>Prepare and apply one alkali resistant primer to SABS 1414 and three finishing coats 'Plascon Double Velvet' acrylic emulsion paint to SABS 1586 Grade 1 or similarly or equally approved by Architect's or Client's specifications</p>				
On internal Partioning walls	m <sup>2</sup>	504	R - R	-
On ceilings and beams internally	m <sup>2</sup>	172	R - R	-
WOOD SURFACES WITH				
<p>One coat oil wood primer, one coat universal undercoat and three coats super universal enamel paint on</p>				
Doors	m <sup>2</sup>	3	R - R	-
On door frames	m <sup>2</sup>	1	R - R	-
<b>TOTAL CARRIED FORWARD</b>				R -
BILL NO 10				
10 <u>METALWORK</u>				
ALUMINIUM WINDOWS, SHOP FRONTS, DOORS, ETC				
<p>Aluminium doors and frames size 52 x 50mm, with powder coated "Matt Charcoal"( Code : ANP 3055) finish, 24.38mm Hi Tech double glazed door panel unit comprising 6.38mm Energy Efficient Neutral Lowe outer glass; 12mm Air Gap; 6mm clear Toughened safety glass inner glass including all necessary fittings, ironmongery, etc and plugged to brickwork or Drywall and sealing all round with approved silicone sealant (elsewhere measured). Or Similar Approved</p>				
Purpose made 1 Leaf Aluminium sliding door type DD, size 813 x 3060mm high, reference B-D07, all as per Architect's. Or Similar Approved. Drawing No.W rev 01.	No	15	0,00	R 0,00
Purpose made 1 Leaf Aluminium Double door type DF, size 3478 x 3060mm high, reference G-D05,G-D08, all as per Architect's. Or similar Approved. Drawing No.W rev 01.	No	1	0,00	R 0,00
<b>TOTAL CARRIED FORWARD</b>				R -

**BILL NO 1 1**11 **PROVISIONAL SUMS ETC****EXTERNAL CLADDING**

Provide the sum of R200,000 (Two Hundred Thousand Rand)  
for Side Cladding to walls.

Item	1	R	-	R	-
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**ELECTRICAL INSTALLATION**

Provide the sum of R150,000.00 (One Hundred And Fifty Thousand Rand Only)  
for Electrical Installation

Item	1	R	-	R	-
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**MECHANICAL INSTALLATION**

Provide the sum of R100,000.00 (One Hundred Thousand Only)  
for Installation of Mechanical Services.

Item	1	R	-	R	-
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**TIMBER CLADDING AT RECEPTION**

Provide the sum of R75,000 ( Seventy Five Thousand Rand Only)  
for Timber Cladding at reception area.

Item	1	R	-	R	-
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**PLUMBING AND DRAINAGE**

Provide the sum of R20,000 (Twenty Thousand Rand Only)  
for Plumbing and Drainage.

Item	1	R	-	R	-
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**FURNITURE INSTALLATION**

Provide the sum of R200 000 (Two Hundred Thousand Rand Only)  
for Timber Cladding at reception area.

Item	1	R	-	R	-
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<b>TOTAL CARRIED FORWARD</b>				<b>R</b>	<b>-</b>
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1	PRELIMINARIES				R	-
2	ALTERATIONS				R	-
3	MASONRY				R	-
4	WATERPROOFING				R	-
5	CARPENTRY AND JOINERY				R	-
6	CEILINGS, PARTITIONS AND ACCESS FLOORING				R	-
7	PLASTERING				R	-
8	TILING				R	-
9	PAINTWORK				R	-
10	METAL WORKS				R	-
11	PROVISIONAL SUMS				R	-
	<b>Sub Total</b>				<b>R</b>	<b>-</b>
12	<b>CONTINGENCIES</b>					
	Provide a sum of R 200,000.00 (Two Hundred Thousand Rand) only for contingencies and detail design allowance to be expended as directed by the Principal Agent and/or Client to be deducted in whole or in part if not required	Item	1	R	-	R -
	<b>Sub Total excluding VAT</b>				<b>R</b>	<b>-</b>
	<b>VAT (15%)</b>				<b>R</b>	<b>-</b>
	<b>Total including VAT</b>				<b>R</b>	<b>-</b>