

ITEM No.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>BILL NO. 1</u>				
	<u>PRELIMINARIES</u>				
1	Allow for preliminaries (Fixed Obligation, Time Related & Value Related)	Item	1		
	<u>BILL NO. 2</u>				
	<u>ALTERATIONS</u>				
	<u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades and to the Supplementary Preambles which are incorporated at the back of these Bills of Quantities.</u>				
	<u>TEMPORARY BARRICADES, SCREENS, ETC.</u>				
	Temporary barricades, screens, etc., including removal:				
	"Rhino Drywall" barricade 2450mm high formed of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side, including corners, ends, etc.	m	25		
	<u>REMOVAL OF EXISTING WORK</u>				
	Break down and remove brickwork, blockwork, etc., plastered or tiled one or both sides, complete with sundry lintols, cills, copings, etc.:				
2	230mm Thick brick wall	m2	11		
	Take down and remove roofs, floors, panelling, ceilings, partitions, etc.:				
3	Acoustic tile suspended ceilings including suspension grid, hangers, etc.	m2	315		
4	Drywall partitioning 2450mm high, including doors, ironmongery, glazed borrowed lights, etc.	m	23		
	Take up and remove vinyl floor coverings, carpeting, etc., from screed to remain:				
5	Existing floor covering including preparing screed for new floor covering	m2	315		
	Carefully take out and remove doors, windows, etc., including thresholds, cills, etc., from blockwork to be re-used somewhere else:				
6	Aluminium door size 1602x2650mm high	No	1		
7	Aluminium door size 1500x2650mm high	No	1		
	Take out and remove joinery fittings, etc.:				
8	Timber wall cupboard 1500 x 600 x 900mm high	No	1		
	Take out and remove electrical works to including disconnecting conduits & wiring etc:				
9	Electrical works	m2	190		
10	Air-conditioning	m2	190		
	Take out and remove piping, sanitary fittings, etc., including disconnecting piping from fittings:				
11	Stainlesssteel kitchen sink including trap, waste etc	No	1		
12	50mm PVC piping	m	6		
	<u>PREPARATORY WORK TO EXISTING SURFACES</u>				
13	Chip & prepare existing floor to form key to receive new floor finish	m2	315		
14	Make good defects in existing screeded floors with self levelling screed	m2	315		
	<u>CARTAWAY OF DEBRIS</u>				
	Extra over all demolition debris for loading, carting and dumping surplus material:				
15	Off site to a dumping site to be authorised by the Municipality	m3	40		
	Carried Forward				R

BILL NO. 3

MASONRY

BRICKWORK

Plaster Brickwork of "Corobrik NFP" bricks in Class II mortar:

1	230mm brick wall in superstructure	m2	11
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BRICKWORK/BLOCKWORK SUNDRIES

Chip off projections, fill up crevices, cement wash with 1:6 cement and sand slurry and apply two coats "Brixal" bitumen emulsion waterproofing coating:

2	On outer face of inner skin of brick walls including any additional labour required in raising wall in two separate skins and working around wire ties and/or reinforcing fabric	m2	11
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BRICKWORK SUNDRIES

Brickwork reinforcement:

3	155mm Wide reinforcement built in horizontally	m	18
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BILL NO. 4

CARPENTRY AND JOINERY

The Tenderer is referred to the relevant clauses in the separate document Model Preambles for Trades and to the Supplementary Preambles which are incorporated at the back of these Bills of Quantities

FIRE RATED DOORS, STRONG ROOM DOORS AND FRAMES ETC

Fire rated doors:

1	762x2032x104mm thick reinforced hollow steel door with 10mm outer plate suitable for painting	No	1
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DOORS

Semi solid door with commercial veneer panels suitable for painting hung to steel frames:

2	40mm Door 762 x 2032mm high	No	2
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BILL NO. 5

FLOOR COVERINGS, WALL LININGS, ETC

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades and to the Supplementary Preambles which are incorporated at the back of these Bills of Quantities

CORAL ENTRANCE SYSTEM

10mm Gauge Mat-Lok Aluguard in closed construction and heel-proof barrier mat, consisting of natural grey electrostatic , buued-nylon tyre-rubber strips, inserted and fixed into modular aluminium scraper sections, together with recess frame AMF31/31 to be screeded in by contractor (elsewhere measured) as supplied by Decramat or similar and/or equally approved:

1	3 000 x 1 200mm Floor Mat	No	1
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FLOOR COVERINGS

500 x 500 x 4mm "Leather Lock Standard Grey" or similar & or equally approved interlocking tile with blue printed hexagon fixed on lock glue or approved adhesive- PC Sum R114.95/m2:

2	On floors	m2	247
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500 x 500 mm with 0,55 mm wear layer, serdegna Belgotex Terrazzi 2.5 mm heavy commercial dry black stick down LVT:

3	On floors	m2	68
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4	Extra over floor covering for adhesive glue	m2	68
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5	Narrow widths	m2	7
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SKIRTINGS

3 600 x 70 mm x 13 mm thick meranti skirting to be painted to match wall:

Carried Forward

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6	70mm high Skirting including "Belgotex" or similar & or equally approved carpet tiles:	m	105	
7	On floors <u>WALL LININGS</u> 2mm thick wall paper with edging strips including contact glue:	m2	63	
8	On walls Serene green wall:	m2	8	
9	875x1940mm wall mounted serene green wall Acoustic wall mounted hexagonal decoration in standard colours:	No	9	
10	Hexagonal decoration type A	No	1	
11	Hexagonal decoration type B	No	1	
12	Hexagonal decoration type C	No	1	
13	Hexagonal decoration type D	No	1	
14	Hexagonal decoration type E	No	1	
15	Hexagonal decoration type F	No	1	
16	Hexagonal decoration type G	No	1	
 <u>BILL NO. 6</u>				
<u>CEILINGS AND PARTITIONS</u>				
The tenderer is referred to the relevant Clauses in the separate document Model Preamble for Trades and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities				
<u>SUSPENDED CEILINGS</u>				
Electric light fittings, diffusers, panels, etc., generally are "lay in" units of the same dimensions as the suspension grid described and allowance shall be made accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)				
Acoustic Constellation Premium biologically absorbable mineral wool ceiling tiles, NRC - 0.70, size 1200 x 600 x 15mm with Square-edge and white painted finish, laid on fire rated OWAconstruct S3 exposed demountable T24 suspension system, comprising galvanised main tees and cross tees with main tees suspended by means of galvanised hangers at centres not exceeding 1200mm, and all installed to manufacturer's instructions. OWAconstruct Shadowline W-trim, plugged and screwed at centres not exceeding 200mm.				
1	1200x600mm Lay In ceiling tiles suspended not exceeding 1m below roof trusses and 3200mm AFFL	m2	315	
2	1400x1400x38mm thick hexagonal acoustic panels	No	6	
3	825x825x38mm thick hexagonal acoustic panels	No	5	
4	1220x1860x38mm thick hexagonal acoustic panels	No	11	
5	1800x800x38mm thick hexagonal acoustic panels	No	5	
Standard shadowline cornices				
6	"SM 25" Gyproc" 35 x 47mm recessed shadowline suspended ceiling 9.5 mm Gypsum plasterboard ceiling hung in Donn T37 galvanised suspension system finished with 4mm flush skim coat of Rhinolite plaster, smooth trowelled, painted ceiling fire rated.	m	105	
7	Ceilings including T37k at 420mm centres and T32k T- system grids at 420mm centres "Rhino" gypsum plasterboard cornices:	m2	12	
8	75mm Coved cornices	m	20	
<u>PARTITIONS, ETC.</u>				
50mm thick demountable aluminium framed flexiglass partition "				
9	Partitions 3600m high with top and bottom tracks plugged to floor base and top track fixed to suspended ceiling tees	m	30	
Carried Forward				R

10	Extra over partition 3600mm high for vertical abutment	No	6
11	Extra over partition 3600mm high for corner	No	5
12	Extra over partition 3600mm high for T-intersection	No	10
13	Extra over partitions for aluminium skirting	m	60
" 30 min Fire Rated Rhino-Drywall"			
3600mm height, 100mm Drywall Partition: Rhino board 12.5mm skimmed with Rhinolite fixed to Steel Studs @ 600mm c/c both sides, apply Rhino Tape to all joints. Apply 1 undercoat paint and 2 finishing coats of PVA interior paint colour to match existing elsewhere measured":			
14	Partitions 3600m high with top and bottom tracks plugged to floor and top track fixed to suspended ceiling tees	m	16
15	Extra over partition 3600mm high for vertical abutment	No	10
16	Extra over partition 3600mm high for corner	No	10
17	Extra over partition 3600mm high for T-intersection	No	10

BILL NO. 7

IRONMONGERY

The Tenderer is referred to the relevant clauses in the separate document Model Preambles for Trades and to the Supplementary Preambles which are incorporated at the back of these Bills of Quantities

HINGES, BOLTS, ETC

" Dorma" or similar and or equally approved:

1	Dorma stainlesssteel WC indicator with 79mm turn knob for physically impaired -Code DWC-006	No	1
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LOCKS & HANDLES

" Dorma" or similar and or equally approved:

2	Solid art 390/313 3 lever mortice lockset and satin chrome plated handles SABS approved	No	3
3	7-lever security keylock. All to supplier's detail and specification	No	1

HANDLES

BATHROOM FITTINGS

"Franki" or similar and or equally approved:

4	Franke Double toilet roll holder with spindle system for wall mounting, stainless steel, material thickness 1.5 mm, curved front cover, diameter 120 mm. 156 x 303 x 141mm.	No	1
5	Toilet brush set with holder and wall mounting screws and rawl plugs	No	1
6	Rubber maid Commercial Products White 500mL Wall Mounted Soap dispenser for Rubber maid Flex or similar approved.	No	1

Warm Air Hand Dryer Jetstream Airtronic Sensor operated hand dryer for wall mounting manufactured from Grade 304 1,2mm Stainless Steel, brushed finish. — Automatic cut-off — Warm air output of 90m/s at 55°C — Adjustable sensitivity from 50 to 250mm — Vandal resistant lock, screws and key wrench Connection voltage: Total Power: Motor: 230 V, 50Hz

7	1000 kW 500W motor with 29000 RPM	No	1
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SUNDRIES

"Dorma" or similar and or equally approved:

8	Floor mounted "Dorma Stainless Steel door stop" Code DDS-SS-017.	No	3
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BILL NO. 8

METALWORK

PRESSED STEEL DOOR FRAMES

Double rebated steel door frame suitable for a 230 wall. 1.6mm Mild Steel with 25mmx50mm rebates & red oxide primer, with either a 22mm screed or a no screed finish, with a conventional drywall fixings:

1	Frame for door 762 x 2032mm high	No	3
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Carried Forward

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<u>ALUMINIUM DOORS</u>				
Purpose made "CHARCOAL GREY" anodised powder coated aluminium door frames with Obscured film on 6mm clear safety glass. All glazing to comply with SANS 10400 Part N:				
2	Pivot Door size 900 x 2600mm high	No	1	
3	Automated Sliding Door size 1000 x 2600mm high	No	3	
4	Automated Sliding Door size 1500 x 2600mm high	No	1	
<u>BILL NO. 9</u>				
<u>PLASTERING</u>				
<u>SCREEDS</u>				
Wood floated Screeds (1:3) as described on concrete:				
5	25mm Thick on floors and landings	m2	315	
<u>SKIM PLASTER</u>				
One coat skim plaster (1:5) as described on ceilings on:				
6	On gypsum plasterboard ceiling	m2	12	
7	On drywall partitions	m2	150	
8	Narrow widths	m2	1	
<u>INTERNAL PLASTER</u>				
One coat cement plaster (1:5) as described on blockwork on:				
9	Walls	m2	641	
10	Narrow widths	m2	64	
<u>BILL NO. 10</u>				
<u>TILING</u>				
<u>WALL TILING</u>				
Glazed wall tiles size 200 x 200 (P.C.E 220/m2) as described fixed with adhesive to plaster (plaster elsewhere measured) on:				
1	Walls	m2	3	
2	Narrow widths	m2	1	
<u>FLOOR TILING</u>				
600x600mm full body ceramic tiles: as approved on 3:1 cement mortar. All joints to be continuous in both directions with a total thickness of 12mm mi. Tiles laid to manufacturers recommendations and instructions. Tiles to be group A quality, Colour to Architect's approval (P.C R280/m2) as described fixed with adhesive to plaster (plaster elsewhere measured) on:				
3	On floors	m2	24	
4	100mm skirting	m	30	
<u>SUNDRIES</u>				
Extra over for tiling :				
5	Transition stainlesssteel strip	m	44	
<u>BILL NO. 11</u>				
<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>				
<u>SOIL DRAINAGE</u>				
1	110mm Pipe laid in ground including excavation exceeding 1m deep and not exceeding 2m deep	m	40	
Carried Forward				R

2	110mm Pipe fixed vertically in ground (no excavation)	m	6		
	Extra on UPVC piping for the following fittings:				
3	110mm Bend	No	2		
4	110mm Access bend	No	1		
5	110mm Access junction	No	1		
6	110mm Diameter gully trap jointed to drain, complete with hopper head and grid and the whole set on and encased in unreinforced concrete Class B 15/20 carried up 75mm above ground as kerb, dished down to grating and finished on all exposed faces in 1:3 cement render with angles rounded, including necessary excavation and formwork	No	2		
	Inspection chambers, manholes, septic tanks and soakaway:				
7	Excavate for and build inspection chamber fitted with 1No. 450 x 600mm x 124kg cast iron double seal manhole cover and frame. Size internally 450 x 600 x average 1100mm deep	No	2		
	<u>SANITARY FITTINGS</u>				
8	Supply, fix, clean, wash and leave in a satisfactory condition the following items of medical sanitaryware:				
9	All rails, brackets, etc., where not bolted are to be fixed with long heavy gauge brass screws into approved expanding plugs				
10	Duravit D-Code Washbasin "23106000002" with overflow, tap platform & underneath glazed.600 x460mm	No	1		
11	Duravit D-Code Close Couple Toilet. D-Code close couple pan, code 21110900002, D-Code Cistern with bottom entry, code 0927100001, D-Code standard hinge seat & cover, code 006731000	No	1		
12	Franke double bowl sink	No	1		
	<u>SANITARY PLUMBING</u>				
	Unplasticized polyvinyl chloride (UPVC) pipes:				
13	50mm Pipe	m	2		
14	110mm Pipe	m	1		
	Extra on UPVC piping for the following fittings:				
15	50mm Vent cowl	No	1		
16	110mm Vent cowl	No	1		
17	50mm Bend	No	2		
18	110mm Bend	No	1		
19	50mm Access bend	No	2		
20	110mm Access bend	No	1		
21	50mm Junction	No	2		
22	110mm Junction	No	1		
23	50mm Access junction	No	2		
24	110mm Access junction	No	1		
25	110mm Pan piece with enlarged socket for and joint to outlet of W.C. pan	No	1		
26	50mm Vent valve	No	1		
27	110mm Vent valve	No	1		
	<u>TRAPS</u>				
	Brass traps, waste unions, etc:				
28	Shallow seal P trap with chrome plated grating Code 373SQ - TRAP	No	1		
29	Gio A181 0 32 Bottle trap round 32 x 32 DBA 181	No	1		
	<u>WATER SUPPLIES AND FIRE SERVICES</u>				
	Class 460/0 copper pipes:				
30	15mm Pipe	m	30		
	Carried Forward				R

Extra over class 460/0 copper pipes for the following copper capillary fittings:					
31	15mm Fitting	No	20		
Extra over Class 460/0 copper pipes for the following brass compression fittings:					
32	15mm Fitting	No	20		
Extra over Class 460/1 copper pipes for the following capillary fittings:					
33	15mm Fitting	No	20		
Extra over Class 460/1 copper pipes for the following brass compression fittings:					
34	15mm Fitting	No	20		
<u>ELECTRIC WATER HEATERS</u>					
"Hydro Boiler" or similar approved					
35	10Litre hydro boiler	No	1		
<u>TESTING</u>					
Allow for testing the whole of the Sanitary Plumbing, Water Supplies and Fire Services to the satisfaction of the Architect and Local Authorities. All defective work is to be taken out and replaced at the Contractor's expense and the whole re-tested until found satisfactory		Item	1		
<u>BILL NO. 12</u>					
<u>GLAZING</u>					
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities					
<u>MIRRORS</u>					
Mirrors shall be silvered float glass with polished edges all round, and holed for and fixed with brass mirror screws with chromium plated domes and felt washers to plugs in wall:					
1	450 x 600mm frameless mirror with bevelled edges or similar approved	No	3		
<u>BILL NO. 13</u>					
<u>PAINTWORK</u>					
<u>PAINT ON EXISTING PLASTERED SURFACES, ETC</u>					
One coat plaster primer and two finishing coats "Dulux" acrylic PVA paint on:					
2	Plastered walls internally	m2	630		
One coat plaster primer and two finishing coats "Dulux" acrylic PVA paint on:					
3	Drywall partitions	m2	150		
4	Plastered ceilings	m2	12		
<u>PAINT ON METAL</u>					
Prepare door and sand down to a smooth surface, apply 2 undercoat and two coats finishing coats of gloss enamel paint on :					
5	General surfaces	m2	8		
6	Frames	m2	10		
<u>PAINT ON WOOD</u>					
Prepare door and sand down to a smooth surface, apply 2 undercoats and 1 high quality internal oil based wood preservative to cover surface sufficiently and two coats finishing coats of gloss enamel paint on:					
7	Doors	m2	12		
Carried Forward					R

<u>BILL NO. 14</u>				
<u>PROVISIONAL SUMS</u>				
<u>PROVISIONAL SUMS</u>				
Electrical Installation				
1	Allow the NETT provisional amount of R1 882 586.76 (One Million Eight Hundred and Eighty Two Thousand Five Hundred and Eighty Six Rands Seventy Six Cents only) for electrical installation executed complete	Item	1	1 882 586.76 1 882 586.76
2	Add for profit upon above if required	Item		
3	Provide for general attendance on specialist as described	Item		
Mechanical Installation				
4	Allow the NETT provisional amount of R1 379 438.00 (One Million Three Hundred and Seventy Nine Thousand Four Hundred and Thirty Eight Rands only) for mechanical installation executed complete	Item	1	1 379 438.00 1 379 438.00
5	Add for profit upon above if required	Item		
6	Provide for general attendance on specialist as described	Item		
Security & Access Control Installation				
7	Allow the NETT provisional amount of R80 000.00 (Eighty Thousand Rands only) for security & access control installation executed complete	Item	1	80 000.00 80 000.00
8	Add for profit upon above if required	Item		
9	Provide for general attendance on specialist as described	Item		
Kitchen Fittings Installation				
10	Allow the NETT provisional amount of R55 000.00 (Fifty Five Thousand Rands only) for kitchen fittings installation executed complete	Item	1	55 000.00 55 000.00
11	Add for profit upon above if required	Item		
12	Provide for general attendance on specialist as described	Item		
SARS Signage Installation				
13	Allow the NETT provisional amount of R150 000.00 (One Hundred Fifty Thousand Rands only) for SARS Signage installation executed complete	Item	1	150 000.00 150 000.00
14	Add for profit upon above if required	Item		
15	Provide for general attendance on specialist as described	Item		
Services Connection				
16	Allow the NETT provisional amount of R180 000.00 (One Hundred and Eighty Thousand Rands) for Services Connection executed complete	Item	1	180 000.00 180 000.00
<u>BUDGETARY ALLOWANCES</u>				
The following work to be executed by the contractor and valued at the rates included in the Bills of Quantities				
<u>BUILDERS WORK ICW SPECIALIST INSTALLATIONS</u>				
17	Provide the amount of R228 000.00 (Two Hundred and Twenty Eight Thousand Rands) for builders work in connection with specialist installations	Item	1	228 000.00 228 000.00
Carried Forward				R

PROPOSED SARS RANDFONTEIN BRANCH OFFICE @ TAMBOTIE MALL

<u>FINAL SUMMARY</u>				
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<u>SUBTOTAL A</u>				R
ADD: Contingencies 10% (ten percent) of the above sub total to be used as directed by the Principal Agent or deducted in whole or in part if not required			10%	R
<u>SUB TOTAL B</u>				R
ADD: Value Added Tax 15% (Fifteen percent) of the above sub total and remit to SARS as required			15%	R
TOTAL CARRIED FORWARD TO FORM OF TENDER				R