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Item No	Quantity	Rate	Amount
<u>BILL NO. 2</u>			
<u>ALTERATIONS</u>			
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill.			
Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project.			

<u>SUPPLEMENTARY PREAMBLES</u>			
<u>View site</u>			
Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained			
<u>General</u>			
The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent			
Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent			
Carried to Collection			R
Bill No. 2 Alterations ISAM Bathroom Renovation Part 1.4			



Doors, fanlights, fittings, frames, linings, etc. which are to be re-used shall be thoroughly overhauled before re-fixing including taking off, easing and rehangng, 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

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

Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing

With regard to building up of openings in existing walls, cement screeds and pavings, granolith, 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)

References to sizes in descriptions

All sizes referred to hereunder are approximate and reasonable variations shall be deemed to be accepted

TEMPORARY BARRIERS, SCREENS, ETC

Temporary barriers, screens, etc to isolated areas including removal, maintaining, keeping clean and free from unauthorised posters, graffiti, etc

- A Drywall barrier 3m high of galvanised steel channel section rails and studs covered on one side with 12.5mm gypsum plasterboard and finished with two coats interior quality PVA emulsion paint, including corners, ends, sealing off, etc

m

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Alterations

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A	Extra over for hollow core single door 813 x 2,032mm high, including steel frame, two-lever mortice lock, primer and two coats paint	No	4
<u>REMOVAL OF EXISTING WORK</u>			
<u>Take out and remove doors, windows, etc</u>			
B	Timber single door and frame not exceeding 2.5m ²	No	8
<u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc</u>			
C	Flush plastered suspended ceilings, slanted bulkheads, including cornices, suspension grid, hangers, etc	m ²	105
D	Drywall partitions 2.7m high, including doors, etc	m	30
<u>Carefully take out and remove electrical, electronic and mechanical fittings from ceilings, including disconnecting and making safe, cutting off as necessary, etc</u>			
E	Downlighters	No	21
F	1,200 x 600mm Light fitting	No	16
G	600 x 600mm ventilation grille / airconditioning diffuser	No	11
<u>Take out and remove sundry joinery work, fittings, etc</u>			
H	Timber skirtings	m	29
J	Timber vanity 600 x 600mm high (removal of wash hand basin measured elsewhere)	m	9
K	Granite vanities 650 x 500mm high	m	21
<u>Take up and remove vinyl floor coverings, etc and preparing screeds for new self-levelling screeds</u>			
L	Carpet tile floor covering	m ²	38

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	<u>Hack up/off and remove ceramic tiles including removing mortar bed or adhesive from concrete, brickwork or partition and preparing surfaces for new screed, self-levelling screed, plaster, tile finish, etc</u>		
A	Tile skirtings 100mm high	m	207
B	Tiles to floors	m ²	182
C	Tiles to walls	m ²	378
	<u>Take out and remove piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings, preparing piping for new fittings, making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>		
D	Vitreous china wash hand basin from wall or vanity top	No	18
E	Vitreous china WC pan with flush valve and flush pipe	No	16
F	Vitreous china wall hung urinal with flush valve and flush pipe	No	6
	<u>Take out/off and remove metalwork, glazing, etc</u>		
G	Mirror not exceeding 1m ² from wall	No	18
	<u>Take out and remove ironmongery, sundries, etc</u>		
H	Door handles including lockset	No	16
J	Kickplates, pushplates, pictogram plate, coat hanger, etc	No	8
K	Door closer	No	8
L	Door stop	No	8
	<u>HOLES ETC</u>		
	<u>Core drilling hole not exceeding 50mm diameter</u>		
M	200mm Thick reinforced concrete slabs, beams, walls, etc	No	11
	<u>Core drilling hole exceeding 100mm and not exceeding 150mm diameter</u>		
N	200mm Thick reinforced concrete slabs, beams, walls, etc	No	17
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Bill No. 2 Alterations ISAM Bathroom Renovation Part 1.4			

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BUDGETARY ALLOWANCES

Sundry building work

A	Provide the sum of R50,000.00 (Fifty Thousand Rand) for sundry alterations	Item	50,000.00
B	Provide the sum of R30,000.00 (Thirty Thousand Rand) for sundry builders work	Item	30,000.00
C	Provide the sum of R80,000.00 (Eighty Thousand Rand) for the builders work in connection with services	Item	80,000.00

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Alterations

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Alterations
**ISAM Bathroom Renovation
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Item No		Quantity	Rate	Amount
<u>BILL NO. 4</u>				
<u>CARPENTRY AND JOINERY</u>				
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill. Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project. -----				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Fixing</u>				
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere				
Notwithstanding Clause 5, Rule 10 on page 55 of the Standard System of Measuring Building Work, pelleting shall be deemed to be included in the descriptions of the relevant work				
<u>Decorative thermosetting plastic laminate covering</u>				
Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish				
<u>TIMBER DOORS, WINDOWS, ETC</u>				
<u>Semi-solid flush doors with masonite veneer to both sides</u>				
A	44mm Door 813 x 2,032mm high (Type DT02)	No	9	
B	Extra over doors for 300 x 300mm framed opening for metal louvre unit (louvre unit elsewhere)	No	9	
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Bill No. 4 Carpentry and Joinery ISAM Bathroom Renovation Part 1.4				



JOINERY TO KITCHENS, BATHROOMS, ETC

SUPPLEMENTARY PREAMBLES

General

The following cupboard fittings are given as complete units i.e. the components of the units have not been given separately. Descriptions of such units shall, therefore, be deemed to include all components, assembling, housing, notching, gluing, blocking, planting-on and screwing with countersunk screws, edge strips, thermosetting plastic laminate, glass, ironmongery, metalwork, paint or varnish finishes, etc

Prices are to include for all necessary filler pieces against walls etc

References

References given in descriptions refer to the respective types of fittings detailed on the architect's drawings accompanying these bills of quantities for tender purposes

VANITY

Vanity counter top consisting of "Eezi Quartz Steel" (colour: Blanco) or similar and approved with cut outs for piping as per architect's drawings and specifications

A	400 x 20mm thick vanity with 200mm high downstand front and side panel	m	5
B	500 x 20mm thick vanity with 200mm high downstand front and side panel	m	12

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Bill No. 4
Carpentry and Joinery
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Item No	Quantity	Rate	Amount
<u>BILL NO. 5</u>			
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill.			
Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project.			

<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Fixing</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere			
<u>Ceilings</u>			
Unless otherwise described ceilings shall be deemed to be horizontal			
<u>Bulkheads</u>			
Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features			
Bulkheads have only been described as such where they conform to the above definition and where the horizontal or vertical dimensions do not exceed 1,200mm. Where these dimensions are more than 1,200mm such portions of ceilings have been included in the appropriate general items of ceilings			
Carried to Collection			R
Bill No. 5 Ceilings, partitions and access flooring ISAM Bathroom Renovation Part 1.4			



Bulkheads shall be grouped in 100mm categories for both horizontal and vertical portions

Unless otherwise described bulkheads shall be deemed to be horizontal along the length

Steel components

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

SUSPENDED CEILINGS

SUPPLEMENTARY PREAMBLES

Proprietary suspended ceilings

Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations

Electrical light fittings, diffusers, panels etc are generally "lay-in" units of the same dimensions as the suspension grid described and allowance must be made in the rates 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)

Flush plastered gypsum plasterboard suspended ceilings

Ceilings shall comprise 6.4mm gypsum plasterboard boards screwed to and including screw-up suspension grid consisting of main tees at 1,200mm centres and galvanised steel capped cross tees at 400mm centres and with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface

The grid shall be suspended by means of galvanised steel L-section hangers at suitable centres, securely shot-pinned or screwed to concrete, steel or wood

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Ceilings, partitions and access flooring
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<u>Flush plastered gypsum plasterboard suspended bulkheads</u>					
Bulkheads shall comprise galvanised steel studding of 63,5mm top and bottom tracks with vertical studs at maximum 400mm centres, pop-riveted to the top and bottom tracks with similar additional vertical studs as necessary at abutments, ends, etc and covered as described with plasterboard screwed to studding with drywall screws at maximum 300mm centres. Boards shall be butt jointed and finished with tape and jointing compound and the whole finished with gypsum plaster trowelled to a smooth polished surface to the thickness recommended by the manufacturer					
Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc					
<u>9.5mm Gypsum plasterboard on screw-up tee suspension grid including hangers etc, with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface</u>					
A	Ceilings suspended not exceeding 1m below concrete soffits	m ²	105		
B	L-shaped rectangular bulkheads exceeding 300mm not exceeding 400mm wide and exceeding 300mm not exceeding 400mm high, suspended not exceeding 1m below timber purlins	m	5		
C	Double stepped shaped bulkheads exceeding 500mm not exceeding 600mm wide x exceeding 200mm not exceeding 300mm high, suspended not exceeding 1m below timber purlins, including LED light track recess as per architect's detail.	m	7		
D	Double stepped shaped bulkheads exceeding 600mm not exceeding 700mm wide x exceeding 200mm not exceeding 300mm high, suspended not exceeding 1m below timber purlins, including LED light track recess as per architect's detail.	m	7		
E	Double stepped shaped bulkheads exceeding 600mm not exceeding 700mm wide x exceeding 300mm not exceeding 400mm high, suspended not exceeding 1m below timber purlins, including LED light track recess as per architect's detail.	m	7		
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Bill No. 5 Ceilings, partitions and access flooring ISAM Bathroom Renovation Part 1.4					



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A	Double stepped shaped bulkheads exceeding 400mm not exceeding 500mm wide x exceeding 500mm not exceeding 600mm high, suspended not exceeding 1m below timber purlins, including LED light track recess as per architect's detail.	m	2
B	Double stepped shaped bulkheads exceeding 600mm not exceeding 700mm wide x exceeding 400mm not exceeding 500mm high, suspended not exceeding 1m below timber purlins, including LED light track recess as per architect's detail.	m	6
C	Sloping bulkhead exceeding 600mm and not exceeding 700mm wide	m	7
D	Vertical bulkhead exceeding 300mm and not exceeding 400mm wide	m	3
E	Extra over ceiling for 610 x 610mm trap door of 38 x 38mm wrought softwood rebated framing with one cross brander, covered with ceiling board and fitted flush in opening, including necessary trimmers around	No	11
F	Extra over ceilings for opening for downlights	No	32
G	Extra over ceiling for 600 x 600mm opening for ventilation grille/air conditioning diffuser	No	16
	<u>Cornices, perimeter trims, etc to suspended ceilings</u>		
H	20mm epoxy coated shadow line cornice	m	149
	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>		
	<u>"ISOVER Aerolite" or similar and approved non-combustible glass wool insulation (Product code: IN-419287)</u>		
J	135mm Insulation in blanket form lapped not less than 50mm along all edges and laid on top of brander between roof timbers, etc	m ²	105

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 Ceilings, partitions and access flooring
ISAM Bathroom Renovation
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TOILET CUBICLES

"Cubicle Solutions Cube Max Range" or similar and approved toilet cubicles consisting of 12mm density fibre board modular or equivalent frameless system with supporting powder-coated aluminium head rail with adjustable supporting feet, bracketed to walls and pilasters using stainless steel brackets and fitted with all necessary ironmongery comprising standard indicating bolts, combined coat hooks and door stops and rubber buffers

A	Partition 1,800 x 1,830mm high	No	15
B	Door 762 x 1,762mm high	No	13
C	Mid 250 x 1,981mm high	No	7
D	End 115 x 1,981mm high	No	13
E	Extra over for chromium plated rising butt hinge	No	26
F	Extra over for powder coating to aluminium beading, brackets and ironmongery - per cubicle	No	13

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Ceilings, partitions and access flooring
ISAM Bathroom Renovation
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Bill No. 5
Ceilings, partitions and access flooring

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Bill No. 5
Ceilings, partitions and access flooring
**ISAM Bathroom Renovation
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Item No		Quantity	Rate	Amount
<u>BILL NO. 6</u>				
<u>IRONMONGERY</u>				
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill. Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project. -----				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Proprietary items</u>				
Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items				
Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures etc clarifying the features of the products/articles offered				
On request returnable samples are to be provided to the principal agent for consideration				
<u>PUSH PLATES AND KICK PLATES</u>				
<u>0.9mm Thick stainless steel plates countersunk screwed along edges at not exceeding 200mm centres</u>				
A	813 x 200mm high Kick plate	No	18	
<u>BATHROOM FITTINGS</u>				
B	"Lecico GRARAICIS0750US " or similar and approved 750 x 245mm grab rail	No	6	
C	150 x 320 x 630mm "Lecico" or similar and approved vitreous china urinal separator (Colour: White)	No	3	
Carried to Collection				R
Bill No. 6 Ironmongery ISAM Bathroom Renovation Part 1.4				



PRIME COST AMOUNTS				
<u>Ironmongery</u>				
A	Provide the prime cost amount as indicated for supplying ironmongery		Item	15,000.00
B	Allow for taking delivery and storing of ironmongery (fixing elsewhere)		Item	
C	Profit			%
<u>Fixing of ironmongery to wooden doors</u>				
D	100mm Hinge	No	18	
E	Cylinder sashlock set	No	9	
F	Door lever on backplate	No	18	
G	Escutcheons	No	18	
H	Door closer	No	9	
J	Door stop with rubber buffer	No	9	
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Bill No. 6 Ironmongery ISAM Bathroom Renovation Part 1.4				

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Item No	Quantity	Rate	Amount
<u>BILL NO. 7</u>			
<u>METALWORK</u>			
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill.			
Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project.			

<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions of bolts, anchors, etc</u>			
Descriptions of bolts shall be deemed to include nuts and washers			
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres			
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Bill No. 7 Metalwork ISAM Bathroom Renovation Part 1.4			



<u>Aluminium doors, windows, etc</u>				
Doors and windows shall comply with AAAMSA design criteria				
Glazing shall comply with SAGGA regulations. Glass shall be toughened safety glass as shown on the window/shopfront schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings				
Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed				
For purpose made windows and doors, refer to drawings annexed to these bills of quantities				
The following certificates shall be provided prior to commencement of site work:				
1	A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product			
2	A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively			
3	A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process			
4	A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked			
5	A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years			
Carried to Collection				
Bill No. 7 Metalwork ISAM Bathroom Renovation Part 1.4			R	



PRESSED STEEL DOOR FRAMES

1.2mm Rebated frames suitable for one brick walls with one and a half pair "Howick HO36R" or similar and approved 100mm brass butt hinges with double nylon washers per door leaf

A	Frame for door 813 x 2,032mm high (Type DT02)	No	9
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ALUMINIUM LOUVRE UNITS

Fixed horizontal natural anodised louvre units screwed into timber doors (opening elsewhere)

B	Standard louvre unit, 300 x 300mm high	No	9
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Bill No. 7
Metalwork
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Bill No. 7

Metalwork

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Metalwork
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Item No		Quantity	Rate	Amount
BILL NO. 8				
<u>PLASTERING</u>				
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill. Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project. -----				
<u>SCREEDS</u>				
<u>Screeds wood floated, on concrete</u>				
A	30mm screeds to floors	m ²	197	
B	70 x 70mm Triangular fillets against walls, kerbs, etc	m	84	
<u>INTERNAL PLASTER</u>				
<u>Cement plaster rendering coat with gypsum skim plaster finishing coat, on brickwork</u>				
C	On walls	m ²	12	
<u>Cement plaster wood floated for tiles, on brickwork</u>				
D	On walls	m ²	302	
E	On narrow widths not exceeding 300mm wide	m ²	35	
<u>Gypsum skim plaster finishing coat, on existing painted brickwork</u>				
F	On walls	m ²	148	
G	On narrow widths not exceeding 300mm wide	m ²	16	
<u>Gypsum skim plaster finishing coat, on plasterboard</u>				
H	On ceilings	m ²	214	
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Bill No. 8 Plastering ISAM Bathroom Renovation Part 1.4				

Item No		Quantity	Rate	Amount
	BILL NO. 9 <u>TILING</u> Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill. Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project. <u>SUPPLEMENTARY PREAMBLES</u> <u>Patterns</u> Unless otherwise described, tiles shall be laid with continuous joints in both directions <u>Fixing</u> 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 Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts as recommended by the manufacturer of the tiles <u>WALL TILING</u> <u>300 x 600 x 10mm "Italtile" polar white matt ceramic tile or equivalent fixed with adhesive to plastered brickwork (plaster elsewhere) and flush pointed with tinted waterproof jointing compound as architect's specification</u>			
A	On walls	m ²	312	
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	Tiling			
	ISAM Bathroom Renovation			
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A	Fair exposed cutting and fitting around pipe not exceeding 100mm external diameter	No	59
B	Fair exposed cutting and fitting around pipe exceeding 100mm and not exceeding 150mm external diameter	No	17
	<u>600 x 1,200 x 9mm "Italtile" aurora marmo rectified glazed polish hard body ceramic tile or equivalent fixed with adhesive to plaster brickwork (plaster elsewhere) and flush pointed with tinted waterproof joining compound as per architect's specification</u>		
C	On Walls	m ²	26
D	On narrow widths not exceeding 300mm	m ²	11
	<u>FLOOR TILING</u>		
	<u>600 x 600 x 9.5mm "Italtile" manley blanco matt rectified white glazed porcelain tile or equivalent fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted grout as per architect's specification</u>		
E	On floors and landings	m ²	197
F	Skirting 100mm high (of cut tiles)	m	84
	<u>100 x 100 x 8mm "Italtile" piccolo black matt ceramic tile or equivalent fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted grout as per architect's specification</u>		
G	On margins 100mm wide	m	165
	<u>SUNDRIES</u>		
	<u>"Kirk Marketing" or similar and approved</u>		
H	"SSE120" Stainless steel straight edge trims	m	105

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Bill No. 9

Tiling

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Bill No. 9

Tiling

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Tiling
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Item No	Quantity	Rate	Amount
<u>BILL NO. 10</u>			
<u>PLUMBING AND DRAINAGE</u>			
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill.			
These bills have been prepared using the Standard System of Measuring Building Work for Small or Simple Buildings, 1999 as published by the Association of South African Quantity Surveyors			
Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of the project			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Stainless steel basins, sinks, wash troughs, urinals, etc</u>			
Stainless steel for economy basins, domestic sinks and worktops shall be Type 430 (17/0)			
Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8)			
Stainless steel for laboratory sinks, photographic equipment, etc shall be Type 316 (18/8)			
Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable			
<u>Sealing of edges</u>			
Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone			
<u>General</u>			
Descriptions of WC pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors are separately measured)			
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Bill No. 10 Plumbing and drainage ISAM Bathroom Renovation Part 1.4			



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SANITARY PLUMBING

- A Sanitary plumbing comprising soil, waste, ventilation and anti-siphonage piping servicing 21 basin(s), 17 WC suites, 5 Urinal(s), including alterations to existing pipework.

Item

WATER SUPPLIES

- B Water supply above ground comprising hot and cold water piping servicing 21 basin(s), 17 WC suites, 5 Urinal(s). All pipework to be less than 80mm, including alterations to existing pipework.

Item

SANITARY FITTINGS

Sanitary fittings including waste unions, traps, valves, etc.

- C "Lecico PARPANCCF0000UE" or similar and approved sanitaryware vitreous china white paraplegic semi-close coupled WC Pan and "PARCISSFLONOMUE" cistern or similar and approved with "DUTMEPAR0CCMUS" or similar and approved mechanism completed with lid and fitments and purpose made side flush lever with purpose made MDF seat and cover plate

No

3

- D 575 x 455 x 160mm "Vaal 704201WH" or similar and approved counter top basin complete with concealed fixing brackets (whb 1)

No

13

- E 450 x 350 x 170mm "Vaal 706601WH" or similar and approved counter top basin complete with concealed fixing brackets (whb 2)

No

8

- F "Betta Diplomat - BE1WH9158" or similar and approved white eco wall hung WC pan with and including concealed cistern and river white flush plate (WC1)

No

14

- G 300 x 450 x 315mm "Betta Alson BE1WH278" or similar and approved wall hung white urinal with back inlet, concealed trap and fixing set with flusher and flusher operator

No

5

- H "Trendy Taps CTT026" or similar and approved chrome wall mounted dual handle mixer (TAP 1)

No

17

- J 15mm "Cobra FEABIBEA-4FT01" or similar and approved single lever wall mounted medical mixer (TAP 2)

No

4

Carried to Collection

R

Bill No. 10
Plumbing and drainage
ISAM Bathroom Renovation
Part 1.4

[illegible]



Bill No. 10
Plumbing and drainage

COLLECTION

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Amount

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Bill No. 10
Plumbing and drainage
**ISAM Bathroom Renovation
Part 1.4**

[illegible]



Item No	Quantity	Rate	Amount
<u>BILL NO. 12</u>			
<u>PAINTWORK</u>			
Note: Tenderers are advised to study the General Preambles for Trades before pricing this Bill.			
Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project.			

<u>SUPPLEMENTARY PREAMBLES</u>			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
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			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
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			
<u>PAINT SPECIFICATIONS</u>			
All painting shall be done in accordance with "Plascon" or similar and approved specifications unless otherwise described			
Carried to Collection			R
Bill No. 12 Paintwork ISAM Bathroom Renovation Part 1.4			



COLOURS

Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards

PAINTWORK ETC TO NEW WORK

ON INTERNAL FLOATED PLASTER SURFACES

One coat "Plascon" or similar and approved plaster primer or equivalent and two coats "Plascon Kitchen & Bathroom Matt" or similar and approved paint for interior use

A	Ceilings and beams	m ²	253
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ON METAL SURFACES

One coat "Plascon Metalcare" or similar and approved primer, one coat "Plascon Universal Undercoat" or similar and approved and two coats "Plascon Water-Based" or similar and approved enamel paint

B	Door frames	m ²	13
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ON WOOD SURFACES

One coat "Plascon Wood" or similar and approved primer, one coat "Plascon Universal Undercoat" or similar and approved and two coats "Plascon Water-Based" or similar and approved enamel paint

C	Doors	m ²	30
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PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK

ON INTERNAL FLOATED PLASTER SURFACES

One coat "Plascon Professional Damp" or similar and approved plaster primer and three coats "Plascon Professional Bridging Compound" or similar and approved and two coats "Plascon Professional Damp Plaster" or similar and approved paint for interior use

D	Walls	m ²	165
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Carried to Collection

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Bill No. 12
Paintwork
ISAM Bathroom Renovation
Part 1.4



Bill No. 12

Paintwork

COLLECTION

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Amount

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Bill No. 12
Paintwork
**ISAM Bathroom Renovation
Part 1.4**



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4	Carpentry and Joinery	11	
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6	Ironmongery	20	
7	Metalwork	24	
8	Plastering	25	
9	Tiling	28	
10	Plumbing and drainage	32	
11	Glazing	33	
12	Paintwork	36	
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ISAM Bathroom Renovation Part 1.4			R