

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 1	H1			
		PRELIMINARIES	H1			
		PREAMBLES FOR TRADES	H2			
		The SANS 1200 shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Preambles will be entertained		0		R -
		Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles		0		R -
		The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Preambles and in any supplementary preambles		0		R -
	SABS1200	SECTION A: GENERAL	H3			
	8,3	SCHEDULED FIXED-CHARGE AND VALUE RELATED ITEMS	H3			
1	8.3.1	Contractual requirements	SUM	1		R -
2	8.3.1	Political Riot Insurance	SUM	1		R -
	8.3.2	Establishment of Facilities on Site	H3			
	8.3.2.1	Facilities for Engineer (SABS 1200 AB)	H3			
3		c) Contract Name boards	SUM	1		R -
	8.3.2.2	Facilities for Contractor	H3			
4	a)	Offices and storage sheds	SUM	1		R -
5	e)	Ablution and latrine facilities	SUM	1		R -
6	f)	Tools and equipment	SUM	1		R -
7	g)	Water supplies, electric power and communications	SUM	1		R -
8	h)	Dealing with water on site for the duration of the	SUM	1		R -
9	i)	Access	SUM	0		R -
10	j)	Plant	SUM	0		R -
11	8.3.3	Other Fixed Charge Obligations	SUM	0		R -
12	8.3.4	Removal of Site Establishment on completion	SUM	1		R -
	8,4	SCHEDULED TIME RELATED ITEMS	H3			
13	8.4.1	Contractual Requirements	SUM	0		R -
		Operation and Maintenance of Facilities on Site, for Duration of Construction	H3			
	8.4.2.2	Facilities for Contractor	H3			
14	a)	Offices and storage sheds	SUM	1		R -
15	e)	Ablution and latrine facilities	SUM	1		R -
16	f)	Tools and equipment	SUM	1		R -
17	g)	Water supplies, electric power and communications	SUM	1		R -
18	i)	Access	SUM	1		R -
19	j)	Plant including scaffolding etc	SUM	0		R -
20	8.4.3	Supervision for Duration of Construction	SUM	1		R -
21		Company and Head Office Overhead Cost for the duration of the Contract	SUM	1		R -
22	8.4.5	Other Time-Related Obligations	SUM	0		R -
23		Provision of Security Personnel	SUM	0		R -
		Standing Time Compensation for delays incurred	H3			
24	a)	Plant	Sum/D	1		R -

25	b)	Labour	Sum/D	0	R	-
26	c)	Supervision	Sum/D	0	R	-
27	d)	Other facilities not covered by (a), (b) and (c)	Sum/D	0	R	-
		DAY WORK (Provisional) NOTE:	H3			
		(i) All rates to be Gross (mark up, profits under overheads, etc. and all requirements listed in item 8.7 included) (ii) The Tenderer must state the capacity of the Plant that his rate is based on: (iii) Day works will apply in quantities. Sub clause 6.5 of the General Conditions of Contract Limiting increases in quantities and/or any Sub items will not apply in day works (iv) Standing time will be as per 3.2 of the Bills	H3			
	8.7.1	Labour	H3			
28	a)	Site Foreman	Hrs	0	R	-
29	b)	Trade Foreman	Hrs	0	R	-
30	c)	Supervisor	Hrs	0	R	-
31	d)	Artisan	Hrs	0	R	-
32	g)	Leading Hand	Hrs	0	R	-
33	i)	Labourer	Hrs	0	R	-
		SECTION D - SPECIFIC PRELIMINARIES- HEALTH AND	H2			
34		The contractor shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act 1993 (Act no 85 of 1993) The contractor shall comply with all the requirements set out in the Mine Health and Safety act 29 of 1996It is required of the contractor to thoroughly study the Health and Safety Specification as set out in the Section C2.2, it must be read together with and deemed to be incorporated under this section of the Bills of Quantities / Lump sum documentThe Contractor must take note that compliance with the Occupational Health and Safety Act, Construction regulations and Health and Safety Specification is compulsory. In the event of partial or total non compliance, the principal agent Notwithstanding the provision of Clause A31.0 of Section A (Preliminaries) or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder including for the SMME Subcontractors, domestic & nominated Subcontractors. No additional claims in this regard shall be entertained.The Legal requirements contemplated in	Item	0	R	-

35	Notice the Provincial Director Department of Labour in writing of the commencement of construction work with and including submission of a letter or receipt and acknowledgement of the aforementioned notice by the director or his / her representative	Item	0		R	-
36	Protection of existing and/or partially occupied works the Contractor shall provide all reasonable temporary measures to protect/isolate the existing and/or sections of the occupied Works and remove such measures on completion	Item	0		R	-
	Medicals, Screening and registration	H3				
37	Allow for the medical test at the cost of R1 000 per employee. Contractor to make allowance for all employees to be used on this project.	Sum/Pr	1		R	-
	Compliance with OHS Act and Regulations (Including the Construction Regulations 2003)	H3				
40	(a) Contractor's time-related obligations in respect of complying with the Occupational Health and Safety Act and Construction Regulations.	Month	3		R	-
41	Compliance with Environmental Requirements NEMA (Act No. 107 of 1995 and ECA No. 73 of 1989) Cost for compliance with Environmental Requirements	Month	3		R	-
42	(b) Provision of Full-Time Health & Safety Officer.	Month	3		R	-
43	(c) Provision of Full-Time Health & Safety Representative. (Contractor to note that for every contractor with more than 20 employees there is a need for health and safety	Month	3		R	-
	Provide, supply and maintain for each worker the following SANS approved personal Protective equipment & clothing as per the site - Specific risk assessment:	H3				
44	Hard Hat (High Density polyethylene with 6-point lining) F.....V.....T.....	Item	1		R	-
45	Overall / Work suit (100% Cotton) F.....V.....T.....	Item	1		R	-
46	High Visibility reflecting vest and / or bibs F.....V.....T.....	Item	1		R	-
47	Safety boot / shoes (Steel - toes) F.....V.....T.....	Item	1		R	-
48	Ear Plugs/Ear Muffs F.....V.....T.....	Item	1		R	-
	Provide, supply and maintain for each worker the following SANS approved personal Protective equipment & clothing as per the site - Specific risk assessment for	H3				
49	(b) Provision of Full-Time Health & Safety Officer.	Month	3		R	-
50	(c) Provision of Full-Time Health & Safety Representative.	Month	3		R	-
51	Disposable Mask	Item	1		R	-
52	Sanitizers F.....V.....T.....	Item	1		R	-
53	Infra red Gun F.....V.....T.....	Item	0		R	-
54	Additional Eating/ resting space F.....V.....T.....	Item	1		R	-
	Programme for the Works	H3				
55	Disturbance the Contractor shall execute the Works with a; minimum of disturbance to adjoining premises, any parts of the Works already handed over and the occupants of those premises and/or parts. Any specific requirements are stated in the Works information	Item	0		R	-
	SUMMARY OF CATEGORIES	H2				
	Category: Fixed Value Category: Time		0		R	-
	Sub Total		0		R	-

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 1	H1			
		ALTERATIONS	H1			
		SUPPLEMENTARY PREAMBLES	H2			
		View site	H4			
		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		0		
		General	H4			
		We 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 client		0		
		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 client		0		
		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		0		
		Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc		0		
		With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork		0		
		Making good of finishes shall include making good of the surfaces onto which the new finishes are applied, where necessary		0		
		We will have 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)		0		
		REMOVAL OF EXISTING WORK	H2			
		Breaking down and removing brickwork etc	H4			

1	Mass brickwork	m3	100		R	-
2	Half brick walls	m2	50		R	-
3	Half brick walls to bath tubs	m2	8		R	-
4	Canopy	No	1		R	-
5	Relocate Hose Reel	No	1		R	-
6	Remove fire stair case and make good Carefully take out and removing doors, windows, etc, including thresholds, sills, etc (building up openings and making good finishes elsewhere)	No H4	1		R	-
7	Timber single door and frame 900 x 2700mm high overall from one brick wall	No	15		R	-
8	Timber window frame 900 x 1220mm high overall from one brick wall	No	15		R	-
	Taking down and removing roofs, floors, panelling, ceilings, partitions, etc	H4				
9	Gypsum plasterboard ceilings, including cornices, timber brandering, to remain etc	m2	200		R	-
	Carefully take out and removing sundry joinery work, fittings, etc and hand over to client for storage	H4				
	Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc and preparing screeds for new floor coverings	H4				
10	Remove Carpet	m2	50		R	-
	Taking out and removing ironmongery	H4				
11	Mortice lockset from timber door	No	15		R	-
12	Door closer from timber door and frame	No	15		R	-
13	Towel rail not exceeding ?mm long from wall	No	4		R	-
14	Toilet paper holder from wall	No	4		R	-
15	Soap holder from wall	No	4		R	-
	Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc	H4				
16	25mm Plaster from walls	m2	150		R	-
	Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes	H4				
17	300 x 300mm Tiles to floors and prepare floors for new floor finish	m2	40		R	-
18	Tiles to treads and risers of stairs	m2	40		R	-
19	200x 100mm Tiles to walls and prepare walls for new finish	m2	40		R	-

		Taking out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)	H4			
20		Steel piping not exceeding 50mm diameter	m	50		R -
21		PVC piping exceeding 50mm and not exceeding 100mm diameter	m	100		R -
22		Vitreous china WC pan with cistern, including short lengths of piping, etc	No	4		R -
23		Wash hand basing drainer and short lengths of piping, etc	No	4		R -
24		Mirror 605 x 460mm high from wall	No	4		R -
25		Opening 900 x 2032m high overall in One brick wall	No	15		R -
26		Opening 900 x 1221m high overall in One brick wall	No	15		R -
		Sundries	H4			
27		Cutting toothings and bonding new brickwork to existing	m2	7		R -
		MAKING GOOD OF FINISHES, ETC	H2			
		Making good gypsum plasterboard ceilings and timber bandering	H4			
28		Ceilings in patches	m2	5		R -
		Making good cement screeds	H4			
29		25mm Thick on floors in patches	m2	50		R -
		Making good internal cement plaster	H4			
30		Walls in patches	m2	200		R -
31		Walls in patches to narrow widths	m2	25		R -

		OPENINGS THROUGH EXISTING WALLS ETC	H2			
		Breaking out for and forming openings through brick walls for new doors and frames, including brick lintels, making good cement plaster on one side and into reveals and face brickwork on other side and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good plaster and paintwork elsewhere)	H4			
32		Opening for door with steel frame 900 x 2100m high overall through one brick wall	No	15		R -
		<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 2	H1			
		CONCRETE, FORMWORK AND REINFORCEMENT	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Cost of tests	H3			
		The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the principal agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the principal agent. (Test cubes are measured separately)		0		
		Formwork	H3			
		Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use. The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself		0		
		Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described		0		
		Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described		0		
		Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		REINFORCED CONCRETE	H2			

		25MPa/20mm concrete	H3			
1		Slabs, including beams and inverted beams	m3	0		R -
		CONCRETE SUNDRIES	H2			
		Finishing top surfaces of concrete smooth with a wood float/ steel trowel	H3			
2		Surface beds, slabs, etc	m2	0		R -
		ROUGH FORMWORK	H2			
		Rough formwork to soffits	H3			
3		Slabs propped up exceeding 1.5m and not exceeding 3.5m high	m2	0		R -
		MOVEMENT JOINTS ETC	H2			
		Expansion joints with 10mm jointex filler with tear-off strip between vertical concrete surfaces, including necessary formwork	H3			
4		Not exceeding 300mm high through surface beds	m	0		R -
		Saw cut joints	H3			
5		50 x 3mm Saw cut joints in top of concrete	m	0		R -
		REINFORCEMENT	H2			
		High tensile steel reinforcement to structural concrete work	H3			
6		Various diameter bars	t	0		R -
		<b>Sub total</b>		<b>0</b>		<b>-</b>
		BILL NO 3	H1			
		MASONRY	H1			

		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Sizes in descriptions	H3			
		Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick		0		
		Face bricks	H3			
		Bricks shall be ordered timeously to obtain uniformity in size and colour		0		
		Pointing	H3			
		Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc		0		
		Rates	H3			
		The rates for all masonry shall be deemed to include for all rough raking and circular cutting and waste, cutting to form birdsmouth angles or squint quoins, etc.		0		
		Samples	H3			
		Samples of all masonry building units, shall consist of a minimum of 6 units		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		BRICKWORK	H2			
		SUPERSTRUCTURE	H2			
		Brickwork of NFP bricks in class II mortar	H3			
1		Half Brick walls	m2	0		-
2		One Brick walls	m2	0		-
		Brickwork reinforcement	H3			
3		75mm Wide reinforcement built in horizontally	m	0		-
		Prestressed fabricated concrete lintels including necessary temporary supports	H3			
4		110 x 70mm Lintels in lengths not exceeding 3m	m	0		-

		Sub total		0		-
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ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 3	H1			
		MASONRY	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Sizes in descriptions	H3			
		Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick		0		
		Face bricks	H3			
		Bricks shall be ordered timeously to obtain uniformity in size and colour		0		
		Pointing	H3			
		Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc		0		
		Rates	H3			
		The rates for all masonry shall be deemed to include for all rough raking and circular cutting and waste, cutting to form birdsmouth angles or squint quoins, etc.		0		
		Samples	H3			
		Samples of all masonry building units, shall consist of a minimum of 6 units		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		

		BRICKWORK	H2			
		SUPERSTRUCTURE	H2			
		Brickwork of NFP bricks in class II mortar	H3			
1		Half Brick walls	m2	27		-
2		One Brick walls	m2	27		-
		Brickwork reinforcement	H3			
3		75mm Wide reinforcement built in horizontally	m	120		-
		Prestressed fabricated concrete lintels including necessary temporary supports	H3			
4		110 x 70mm Lintels in lengths not exceeding 3m	m	19		-
		<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 4	H1			
		WATERPROOFING	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Waterproofing	H3			
		Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		DAMPPROOFING OF WALLS AND FLOORS	H2			
		One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course	H3			
1		In walls and under sills	m2	5		R -
		<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 5	H1			
		CARPENTRY AND JOINERY	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Roof Construction	H3			
		a. All the roof trusses, rafters etc. to be designed and constructed with softwood structural timber to include for live loads, wind loads and to take 'Klip-tite' roof covering, purlins and gypsum plasterboard ceilings with branderling. Each roof truss shall have all its members accurately cut and close butted together and rigidly fixed by CSIR approved patented galvanized metal spiked connectors, fixed on both sides of each intersection by an approved method, all in accordance with the manufacturer's instructions. b. Upon completion of the contract the Registered Professional Engineer must issue to the Architect a certificate to effect that the roof has been erected in accordance with his approved design, under his supervision and that the entire roof is structurally stable. c. The lump sum price for the roof trusses and purlins or battens (bottom purlin or tilting fillet to be wrought) shall include for the design and supervision by a Registered / Professional Engineer and for all necessary runners, overhangs wrought all round and trimmed and splay cut as required, braces, hoisting and fixing, wall plates, fascia, barge boards, roof coverings, etc d. The tenderer's attention is drawn to the fact that the detail drawings included at the back of these Bills of Quantities only represents the overall size and bearing points of the trusses and not the required design.		0		
		e. Erection must be carried out as described in "The Erection and Bracing of Timber Roof Trusses" published by the Truss Plate Association of South Africa Ltd. and the National Timber Research Institute, CSIR. f. Descriptions of roof trusses shall be deemed to include for design, manufacture, supply, hoisting and fixing in position, trimming ends, notching, etc. and for any temporary bracing.		0		
		Fixing	H3			

		Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres		0		
		Descriptions	H3			
		The term "screwed on" shall mean the countersunk screwing of one timber member to another.		0		
		The term "plugged" shall mean the countersunk screwing of a timber member to and including plastic plugs in brickwork or concrete.		0		
		Joinery	H3			
		Heads of screws and nails in exposed faces of joinery shall be countersunk and pelleted. All pelleting shall be done with material to suit the exposed face of the component in which it occurs.		0		
		Rates	H3			
		Heads of screws and nails in exposed faces of joinery shall be countersunk and pelleted. All pelleting shall be done with material to suit the exposed face of the component in which it occurs.Prices for plugging are to include for approved patent wall plugs in brickwork or concrete.Prices for eaves covering, ceilings, floors, joinery, etc. are to include for notching and square metre and waste.Prices for material items such as skirtings, cornices, cover strips, edge strips, etc. given in linear metre are to include for mitres, fitted intersections, stopped ends, etc.Prices for labour items such as rounded angles, rebates, grooves, chamfers, moulded edges, etc. given in linear metre are to include for angles, ends, etc. Fittings are measured net and prices for all joinery work are to include for all labours in planing, rebating, moulding, square cutting and waste, mitres, etc. and for all work in connecting by mortice and tennon, housing flush, pinning, etc. as may be required and for all screws, nails, etc. and glueing together		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)				
		DOORS ETC	H2			
		40mm Door with safety glazing viewing panel or Glazed Aluminium	H3			
1		40mm Door 1300 x 2125mm high (D1) with safety glazing viewing panel or Glazed aluminium	No	3		R -

2		40mm Door 900 x 2125mm high (D2) with 400 x 750 with safety glazing viewing panels mounted 1.1m above floor.	No	3		R	-
3		40mm Door 900 x 2125mm high (D3) 2hr Fire rated door with self closing mechanism to comply with SANS 10400T opening outwards.	No	3		R	-
4		40mm Door 900 x 2125mm high (D4) with safety glazing viewing panel or Glazed aluminium	No	1		R	-
5		40mm Door 900 x 2125mm high (D5) solid core timber door with 1 & 1/2 pairs of butt hinges	No	3		R	-
6		1500 x 2125mm high (D6) Aluminium two panel sliding/Folding door(Frosted glazing)	No	1		R	-
		JOINERY FITTINGS	H1				
		Kitchen Cupboards	H3				
7		Allow amount of R20 000 for the kitchen cupboards per kitchen	No	1		R	-
8		Allow amount of R 6 500 for Granite top	No	1		R	-
		<b>Sub total</b>		<b>0</b>		R	-

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO. 6	H1			
		CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the "Specification of Materials and Methods" (PW371-A and PW371-B) Second Edition July 2013 which shall be deemed to be incorporated in these bills of quantities and the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Fixing	H3			
		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		0		
		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		0		
		Ceilings	H3			
		Unless otherwise described ceilings shall be deemed to be horizontal		0		
		Steel components	H3			
		All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		CEILING, ETC	H2			
		SUSPENDED CEILING	H2			
1		1200 X 600 X 6mm Suspended ceiling panels, calcium silicate vinyl finish	m2	200		R -
2		7mm "Rhino" gypsum plasterboard fixed to furring channels or brandering at centres no greater than 400mm centres	m2	50		R -
3		Ceilings including 38 x 38mm sawn "SA Pine" brandering at 400mm centres in one direction only to trusses and all perimeter edges	m	150		R -
		FIXED PARTITIONS				

4		76mm "Capco" 'Beta' drywall partitions comprising of 51mm and 52mm steel tracks and studs with one layer of 12,5mm Gyproc Taper-edge Wallboard on each side, with top edge fitted with drywall aluminium wall channel				
5		Partitions 2,72m high with top and bottom tracks plugged, with 45 x 45 x 300mm long x 900mm high glazed aluminium viewing panel comprising of 6,5mm clear safety glass framed all round with aluminium glazed sections and beads (viewing panel measured elsewhere)	m	30		R -
6		Extra over partition 2,72m high for vertical abutment	No	8		R -
7		40mm Door 813 x 2032mm high (D2)	No	3		R -
		<b>Sub total</b>				-

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO. 7	H1			
		IRONMONGERY	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Proprietary items	H3			
		Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items		0		
		On request returnable samples are to be provided to the principal agent for		0		
		Finishes to ironmongery	H3			
		where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Enamelled PD Gilded		0		
		Rates	H3			
		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.		0		
		HINGES, BOLTS, ETC	H2			
		Savignac or other approved	H3			

1		Code: RH2040C 200mm Sinkless aluminium	No	150		-
2		153mm Manual flush Bolt (Code:DFB-SC-	No	10		-
		LOCKS	H2			
		Union or other approved	H3			
3		Code: CZ682-24-61CH" Four lever mortice lockset complete	Sets	15		-
4		For steel door Stuart lever on back plate with polished aluminium finish and profile cylinder sash lock with drawback and latch 330/51 with chrome plated steel for end with 66mm master keyed single cylinder (862/66/78) finished in nickel plated brass with nickel plated rebate conversion set (130/81) and satin chrome lever flush bolt (130/450)	Sets	15		-
5		Code: 2X28SN Double cylinder lockset	Sets	15		-
6		DWC-006 stainless steel WC indicator with 79mm turn knob for physically impaired	No	3		-
7		Code: CZ80941SCR Satin chrome bathroom indicator bolt	No	3		-
		Yale or other approved	H3			
8		Code: CZ69424525CH Three level mortice lockset complete	No	0		-
9		Code: 40CY3-5716-3101 Satin silver knob cylinder lockset complete	No	15		-
		Assa Abloy or other approved	H3			
10		Code: L2141-78SS Four-lever deadlock	No	1		-
11		"Code: QR35X85MM-SS" Roller catch and deadlock	No	4		-
12		Code: 452-22 Brass Cylinder Cupboard deadlock lockset complete	No	48		-
		HANDLES	H2			
		Dorma or similar equal approved	H3			

13	Code: PHD-BB-225-22 Stainless steel sandpaper pull handles with back plates	No	30	-
14	SH810 solid stainless steel lever handles on rose with bathroom/WC escutcheon	Sets	15	-
15	Aluminium pull handle plate as "Union AL5D66LE06-465W Dove".	No	30	-
16	"Code: QH26WH" 85mm Aluminium lever	Pairs	0	-
	PUSH PLATES AND KICKING PLATES	H2		
	Assa Abloy or other approved	H3		
17	25mm x 44mm x 900 Gradus 150 L shaped door corner guards, in Grade 304 Stainless steel adn satin finish fixed with adhesive as per manufactures instruction. Custom lengths to be cut where push plate are used. Edges are to be rebated flush with side door	No	0	-
18	DPP-SS 161 1,2mm push plate brushed stainless steel (with cylinder cutout)	No	30	-
19	DPP-SS 161 1,2mm x 500 x 150mm push plate brushed stainless steel	No	30	-
20	DPP-SS 161 1,2mm x 200 x 150mm push plate brushed stainless steel	No	30	-
21	DPP-SS 161 1.2mm x 500mm high x150mm wide push plate stainless steel (as indicated on schedule)	No	0	-
	DOOR CLOSERS	H2		
	Union or other approved	H3		
22	"Code: 7836" Heavy duty door closer	No	5	-
	Assa Abloy or other approved	H3		
23	Code: DC300DA Rack and pinion door closer with link arm and delay action	No	5	-
	SUNDRIES	H2		
	Savignac or other approved	H3		

24		"Code: SAVSS07HDS" Half round door stop, plugged	No	15		-
25		DHC-SS-031B stainless steel hat and coat hook with rubber buffer(fitted internally)	No	15		-
		<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 8	H1			
		METALWORK	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Welded Joints	H3			
		All welding and cladded electrodes shall comply with the requirements of SABS 1200H.All welded joints shall be continuous electrically welded fillet joints with a throat thickness of 6mm or equal to the thickness of the smallest profile. Any deformed steelwork caused by welding shall be rejected and no claim whatsoever will be entertained for rectification of deformed work or for repairs to damaged painting.All continuous rails, etc. shall be in long lengths with flush butt welds.		0		
		Aluminium doors, windows, etc	H3			
		Doors and windows shall comply with AAAMSA design criteria		0		
		Glazing shall comply with SAGGA regulations. Glass shall be type as shown on the window schedules/drawings appended to these bills of quantities (as described in the headings to window descriptions). Glass thickness shall comply with SAGGA regulations irrespective of thickness's shown on the schedules/drawings		0		
		Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed		0		
		For purpose made windows and doors, refer to drawings annexed to these bills of quantities		0		
		The following certificates shall be provided prior to commencement of site work:1) copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor 2) Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively		0		

		3 A power 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 process4A 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 marked5A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against de lamination and colour degradation for a period of not less than five years		0		
		All welding and cladded electrodes shall comply with the requirements of SABS 1200H.All welded joints shall be continuous electrically welded fillet joints with a throat thickness of 6mm or equal to the thickness of the smallest profile. Any deformed steelwork caused by welding shall be rejected and no claim whatsoever will be entertained for rectification of deformed work or for repairs to damaged painting.All continuous rails, etc. shall be in long lengths with flush butt welds.		0		
		Rates	H3			
		Prices for metalwork are to include as necessary for the manufacture, supply, delivery, setting up, hoisting, levelling and fixing in position as well as for cutting to lengths, straight cutting and waste, square notches, running joints, rivets, forming, threading, forging, turning, fitting, assembling, bolting, riveting, brazing, soldering, welding and neatly filing smooth, temporary props, etc.		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		STEEL HANDRAILS, BALUSTRADES, ETC	H2			
		Welded balustrades to ramps, stairs and balconies	H3			
1		Horizontal stainless steel purpose made balustrade system 1000mm high comprising 50mm diameter handrail with 12mm diameter pins on 50mm diameter stanchions at 1000mm centres with core drilled pressed cover flanges grouted into 150mm deep core drilled holes with non shrink grout and infills of 10mm diameter horizontals rails	m	20	R	-
		PRESSED STEEL DOOR FRAMES	H2			
		1,2mm Double rebated frames suitable for half brick walls	H3			

9	Frame for door size 813 x 2032mm high	No	6	R	-
	1,6mm Double rebated frames suitable for one brick walls	H3			
10	Frame for door size 813 x 2032mm high	No	4	R	-
	ALUMINIUM WINDOWS	H2			
	Aluminium french powder coated aluminium windows, complete with subframes, glass, sealing, etc and fixing to brickwork or concrete (ironmongery measured elsewhere)	H3			
11	Awning window 01, 600 x 2125mm high complete with glazing and all ironmongery.	No	4	R	-
12	Awning window 02, 600 x 3610mm long complete with glazing and all ironmongery.	No	2	R	-
	Awning window 03, 600 x 1200mm high complete with glazing and all ironmongery.	No	1	R	-
	Awning window 04, 600 x 1500mm long complete with glazing and all ironmongery.	No	1	R	-
	Awning window 05, 600 x 1500mm long complete with glazing and all ironmongery.	No	1	R	-
	<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 9	H1			
		PLASTERING	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Levels	H3			
		All screeds for different floor finishes to be adjusted to ensure a continuous finished floor level throughout		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		SCREEDS	H2			
		Screeds on concrete	H3			
1		30mm Thick on floors and landings	m2	200	R	-
2		30mm Thick on treads and risers of stairs	m2	50	R	-
		INTERNAL/EXTERNAL PLASTER	H2			
		1:6 cement plaster ±12mm thick and one skim plaster coat steel trowelled, on brickwork	H3			
3		On walls	m2	300	R	-
4		On narrow widths not exceeding 300mm wide	m2	46	R	-
		<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 10	H1			
		TILING	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Descriptions 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		0		
		Fixing	H3			
		Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" range of products as recommended by the manufacturer of the tiles		0		
		Samples	H3			
		With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders.		0		
		Trades Names	H3			
		All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
		WALL TILING	H2			
		200X100mm white gloss staggered metro tiles code:J-MW200X100	H3			
1		On walls	m2	50		R -
2		On walls in isolated panels, splashbacks, etc	m2	5		R -
		FLOOR TILING	H2			
3		300X300X8.3mm full bodied porcelain slip resistant tiles	m2	30		R -
		600X600X8.3mm full bodied porcelain tiles(light colour salt & pepper range)	m2	80		R -
		Supply and Install 2mm Classic mysitique PUR vynil sheeting with welded joints.	m2	50		R -
		Recessed entrance Mat with brass frame by Belgotex grimebuster or similar approved	m2	4		R -

4	On risers 170mm high (of cut tiles)	m	60	R	-
5	On treads 280mm wide (of cut tiles)	m	60	R	-
6	Skirting 100mm high	m	200	R	-
	SUNDRIES	H2			
	'M-trim' or similar approved	H3			
7	Promax "FTET0022" 25 x 10mm high aluminium tile-in stair nosing, fitted on treads	m	200	R	-
	Edge Trims:	H3			
8	12mm "SEA" aluminium sure strip stainless steel edge strips cut to lengths in position on edge of floor tiles.	m	150	R	-
	Expansion Joints	H3			
9	Promax Aluminium Heavy Duty Expansion Joint 12 x 2500mm	m	36	R	-
	<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO. 11	H1			
		PLUMBING AND DRAINAGE (PROVISIONAL)	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the "Specification of Materials and Methods" (PW371-A and PW371-B) Second Edition July 2013 which shall be deemed to be incorporated in these bills of quantities and the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
		SUPPLEMENTARY PREAMBLES	H2			
		Sealing of edges	H3			
		Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone		0		
		uPVC pipes and fittings	H3			
		Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings		0		
		Reducing fittings	H3			
		Where fittings have reducing ends or branches they are described as "reducing" and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained		0		
		Fixing of pipes	H3			
		Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level		0		
		General	H3			
		Descriptions of service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc		0		
		Descriptions of WC pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors are separately measured)		0		
		As-built drawings	H3			

	Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)		0		
	Trades Names	H3			
	All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
	SANITARY FITTINGS	H2			
	Lecico Sanitary ware or other approved white vitreous china	H3			
2	Aquasave" Low level WC suite comprising with 90 degree outlet wash down pan, double flap heavy duty plastic seat and matching 6 litre cistern with flush pipe	No	2		R -
3	Lavatera" Wall urinal with spreader, 38mm chromium plated domical grating and two hanger brackets (flush valve elsewhere	No	0		R -
4	510 x 405mm "Lecico " Basin on wall brackets	No	2		R -
	WASTE UNIONS ETC	H2			
	Lecico Sanitaryware or other approved	H3			
5	32mm "Code: 8794Z0" Chromium plated basin waste union	No	2		R -
	Cobra Watertech or other approved	H3			
6	40mm Chromium plated sink waste union	No	0		R -
	TAPS, VALVES, ETC	H2			
	ISCA	H3			
7	15mm Chromium plated stopcock	No	4		R -
	Cobra Watertech	H3			
8	Carina - 171/041CA Chromium plated pillar type sink mixer	No	0		R -
9	15mm "Carina - 214CA-15" Chromium plated basin pillar tap	No	2		R -
10	'Ref 832/350F' Angle stop valve and flexi connector	No	4		R -
11	FJ6000" Exposed type urinal flush valve with chromium plated palm press push button and push rod, including flush pipe	No	0		R -
	TRAPS ETC	H2			
	Cobra Watertech	H3			

12		50mm 345/50 CP bottle trap	No	2		R	-
13		32 x 50mm Chromium plated bottle trap as 'Cobra 340/50' and joint to waste outlet fitting and to 50mm UPVC pipe including adaptor	No	0		R	-
		SANITARY PLUMBING	H2				
		uPVC soil and vent pipes	H3				
14		50mm Pipe fixed in walls, ceilings, roofs, floors, etc	m	61		R	-
15		110mm Pipe and fixing to walls, etc	m	22		R	-
		Extra over uPVC soil and vent pipes for fittings	H3				
16		50mm Bend	No	50		R	-
17		50mm Access bend	No	14		R	-
18		50mm Junction	No	4		R	-
19		110mm Pan connector	No	4		R	-
20		110mm Flexi Bend	No	4		R	-
21		110mm Access bend	No	4		R	-
		TESTING	H1				
22		Testing waste pipe system	Item	1		R	-
		WATER SUPPLIES	H2				
		Internal Reticulation	H4				
		Class II copper pipes with capillary couplings	H3				
23		15mm Pipes	m	100		R	-
24		22mm Pipes	m	32		R	-
25		15mm Pipes chased to into walls	m	96		R	-
		Extra over Class II copper pipes for compression fittings	H3				
26		15mm fittings	No	120		R	-
27		22mm fittings	No	4		R	-
		Bulk Hot Water Supply	H4				
		Class 2 copper pipes with capillary couplings	H3				
28		28mm Pipes	m	105		R	-
		Extra over Class 2 copper pipes for fittings	H3				
29		28mm fittings	No	18		R	-
		Thermal Insulation	H2				

		KINDLY NOTE: ALL HOT WATER AS WELL AS COLD WATER PIPEWORK AND FITTINGS ON THE WALKWAYS AND OPEN TO ATMOSPHERE MUST BE LAGGED.	H3			
		Thermal Insulation to be type Polyisocyanurate insulation snap on type glued together in 2 halves and sealed with duct tape. Cutouts for pipe hangers to be sealed with Silicon. All insulation on the walkways and outside to atmosphere are to be painted with PVA paint.	H3			
30		28mm Pipes	m	105		R -
		Sundries	H3			
		Pipe bracket type Flamco Extra BSA-G	H3			
31		28mm diameter	No	9		R -
		Testing	H3			
32		Testing water pipe system	Item	1		R -
		<b>Sub total</b>		<b>0</b>		<b>-</b>

PAGE NO	ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
53			BILL NO 12	H1			
53			GLAZING	H1			
53			PREAMBLES	H2			
53			Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.		0		
53			SUPPLEMENTARY PREAMBLES	H2			
53			Float glass	H3			
53			The term "float glass" is used for monolithic annealed glass		0		
53			Trades Names	H3			
53			All trade names deemed to mean "or similar approved" (prior to tender closing date)		0		
53			GLAZING TO STEEL WITH PUTTY	H2			
53			4mm Clear float glass	H3			
53	1		Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	20		R -
53	2		Panes exceeding 0,5m2 and not exceeding 2m2	m2	33		R -
53			4mm Obscure glass	H3			
53	3		Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	23		R -
53			Sundries	H3			
53	4		Window Tinting	m2	48		R -
53	5		New putty to existing steel windows (removing of existing putty elsewhere)	m	102		R -
54			TOPS, SHELVES, DOORS, MIRRORS, ETC				
54			4mm Silvered float glass copper backed mirrors with polished edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete				
54	6		Mirror 460 x 650mm high with 4 screws	No	2		R -
			<b>Sub total</b>		<b>0</b>		<b>-</b>

PAGE NO	ITEM NO	PAY RE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
56			BILL NO 13	H1			
56			PAINTWORK	H1			
56			PREAMBLES	H2			
56			renderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles		0		
56			SUPPLEMENTARY PREAMBLES	H2			
56			Paint specifications	H3			
56			All paint to conform to all SANS		0		
56			Colours	H3			
56			Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091		0		
56			PAINT SPECIFICATIONS	H2			
56			All painting shall be done in accordance with "Plascon-		0		
56			Trades Names	H3			
56			All trade names deemed to mean "or similar approved"		0		
56			PREPARATORY WORK TO	H2			
56			Previously painted plastered	H3			
56			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		0		
57			Previously painted metal	H3			
57			Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall		0		
57			Previously painted wood	H3			

57		Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and <del>and loose surfaces shall be</del>		0		
57		PAINTWORK, ETC TO NEW	H2			
57		PLASTER BOARD SURFACES	H2			
57		One coat alkali resistant plaster primer and two coats PVA	H3			
57	1	Ceilings and cornices	m2	50	R	-
57		METAL SURFACES WITH	H2			
57		spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and <del>two coats super universal</del>	H3			
57	2	Door frames	m2	50	R	-
57	3	On burglar bars	m2	10	R	-
57		WOOD SURFACES	H2			
57		One coat oil wood primer, one coat universal undercoat and two coats super universal	H3			
57	4	Doors	m2	100	R	-
57		PAINTWORK, ETC TO	H2			
57		ON FLOATED PLASTER	H2			
58		Clean down all paint and remove all loose paints and stains and apply 'Plascon Professional Plaster Primer (PP700)' and two coats 'Plascon <del>Welland All Purpose Acrylic PVA</del>	H3			
58	5	Internal walls	m2	1000	R	-
58	6	On Soffits	m2	50	R	-
58	7	External walls	m2	1000	R	-
58		ON PLASTER BOARD SURFACES	H2			
58		Clean down all paint and remove all loose paints and stains One coat Professional	H3			
58	8	Ceilings and cornices	m2	100	R	-
58	9	Duct covers	m2	0	R	-

58			METAL SURFACES WITH	H2			
58			Clean down all paint and remove all loose paints and flakes Spot priming defects in pre-primed surfaces with zinc phosphate metal primer, one coat universal undercoat and	H3			
58	10		Door frames	m2	50		R -
58	11		Window frames	m2	10		R -
58			ON WOOD SURFACES	H2			
58			Clean down all paint and remove all loose paints and flakes One coat oil wood primer, one coat universal undercoat and two coats	H3			
58	12		Doors	m2	50		R -
			<b>Sub total</b>		<b>0</b>		<b>-</b>

ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		BILL NO 14	H1			
		ROOF	H1			
		PREAMBLES	H2			
		Tenderers are referred to the relevant clauses in the Model Preambles for Trades (Latest Edition) as published by the Association of South African Quantity Surveyors and to the Supplementary Preambles which are incorporated in these Bills of Quantities.				
		Retain roof covering. Inspect for damage and leaks. Repair leaks and sagging roof where required. Report more serious damage to architect before work is put in hand.				
		- Clear debris from gutters, power wash and inspect for leaks. Repair where required. Prepare and paint gutters paint code Sasol 29.				
		- Inspect all flashings and water proofing for damage and leaks. Repair and refinish where required.				
		- Remove tiles and tile adhesive from top of parapet, repair plaster to slope towards roof. Repair water- and damp proofing with acrylic type system.				
		Prepare and paint in accordance to NHLS specification & standard.	Sum	1		
		<b>Sub total</b>				-

Item	Description	Bill Amount	
1	Provide the sum of R 800 000 (Eight Hundred Thousand Rand and Zero Cents) for Electrical Installation.	R	800 000,00
2	Allow for general attendance on ditto.		
3	Allow for profit if required.		
4	Provide the sum of R 200 000.00(Two hundred thousand rand and zero rands) for Mechanical Installation.	R	200 000,00
5	Allow for general attendance on ditto.		
6	Allow for profit if required.		
7	Provide the amount of R 700 000.00 (Seven Hundred Thousand Rands) for Laboratory equipment.	R	700 000,00
8	Profit on above item.		
9	Attendance on Ditto.		
10	Provide the amount of R 30 000.00 (Thirty thousand rand and zero rands) for Signage.	R	30 000,00
11	Profit on above item.		
12	Attendance on Ditto.		
13	Provide the amount of R 50,000.00 (Fifty Thousand Rands) for window blinds.	R	50 000,00
14	Profit on above item.		
15	Attendance on Ditto.		
16	Provide the amount of R 50,000.00 (Fifty Thousand Rands) for supply and installation of gas bank and accessories.	R	50 000,00
17	Profit on above item.		
18	Attendance on Ditto.		

TOTAL BUILDING WORK	R	1 830 000,00
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ITEM NO	PAY REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0		PRELIMINARIES	Page			-
1		ALTERATIONS	Page			-
2		CONCRETE, FORMWORK AND REINFORCEMENT	Page			-
3		MASONRY	Page			-
4		WATERPROOFING	Page			-
5		CARPENTRY AND JOINERY	Page			-
6		CEILINGS, PARTITIONS AND ACCESS FLOORING	Page			-
7		IRONMONGERY	Page			-
8		METALWORK	Page			-
9		PLASTERING	Page			-
10		TILING	Page			-
11		PLUMBING AND DRAINAGE	Page			-
12		GLAZING	Page			-
13		PAINTWORK	Page			-
14		ROOF				-
15		PROVISIONAL SUM				
		<b>Sub total</b>		<b>0</b>		<b>-</b>
1		Preliminaries	Page			-
2		Builders Work	Page			-
		<b>NET TOTAL: EXCLUDING VALUE ADDED TAX &amp; CONTINGENCY</b>	<b>ST</b>	<b>0</b>		<b>-</b>
		CONTINGENCY	H2			
		Allow an amount of 5% for contingencies to be used as directed by the Principal Agent, or deducted in whole or in part, if not required	%		5%	-

		NET TOTAL: EXCLUDING VALUE- ADDED TAX	ST	0		-
		ADD: 15% (FIFTEEN PERCENT) on the above total for VALUE ADDED TAX	TAX		15%	-
		Carried to Form of offer		0		-