

Bill of Quantities

Work Section Bill of Quantities

Brought forward £

Job 1

Summary

| | |
|---|-------------|
| Bill No. 1 Preliminaries | £66,462.00 |
| Bill No. 2 Demolitions | £6,520.00 |
| Bill No. 3 Excavating & filling | £8,000.00 |
| Bill No. 4 Insitu concrete works | £7,200.00 |
| Bill No. 5 Composite precast concrete | £11,476.00 |
| Bill No. 6 Precast concrete | £217.00 |
| Bill No. 7 Masonry | £43,200.00 |
| Bill No. 8 Carpentry | £25,140.00 |
| Bill No. 9 Sheet roof coverings | £1,205.00 |
| Bill No. 10 Tile and slate roof and wall coverings | £18,100.00 |
| Bill No. 11 General joinery | £2,100.00 |
| Bill No. 12 Windows, screens and lights | £7,520.00 |
| Bill No. 13 Doors, shutters and hatches | £14,350.00 |
| Bill No. 14 Floor, wall, ceiling and roof finishings | £66,900.00 |
| Bill No. 15 Decoration | £9,300.00 |
| Bill No. 16 Insulation, fire stopping & fire protection | £22,700.00 |
| Bill No. 17 Furniture, fittings and equipment | £12,400.00 |
| Bill No. 18 Drainage above ground | £5,700.00 |
| Bill No. 19 Drainage below ground | £2,720.00 |
| Bill No. 20 Mechanical services | £11,950.00 |
| Bill No. 21 Electrical services | £12,300.00 |
| Bill No. 22 Builder's work in connection with mechanical, electrical & transportation installations | £340.00 |
| Bill No. 23 Provisional Sums | £23,000.00 |
| Total, exclusive of any credits, adjustments and VAT | |
| | £378,800.00 |

| Bill No. 1 Preliminaries | | | | | | |
|--------------------------|---|----------|------|------|---|--|
| 1.1 Preliminaries | | Quantity | Unit | Rate | £ | |
| 1.1.1 | <u>Mechanical Plant</u> | | | | | |
| 1.1.1.1 | <u>General Plant</u> | | | | | |
| 1.1.1.1.1 | Grab loader (13.5 tonne) and driver inc. land fill tax | | | | | |
| 1.1.1.1.2 | 10 yard skip inc. land fill tax | | | | | |
| 1.1.1.1.3 | Taper measure 30m Closed case tape measure | | | | | |
| 1.1.1.1.4 | Sledge hammer Sledge hammer 7lb | | | | | |
| 1.1.1.1.5 | Deliveries and collections of plant Delivery and collection of plant (10 to 15 miles) | | | | | |
| 1.1.1.1.6 | Gloves Men's canvas gloves | | | | | |
| 1.1.1.1.7 | Multibit screwdriver Ratchet screwdriver | | | | | |
| 1.1.1.1.8 | Broom Outdoor broom | | | | | |
| 1.1.1.1.9 | Deliveries and collections of plant Delivery and collection of plant (0 to 10 miles) | | | | | |
| 1.1.1.1.10 | Hand saw Hardpoint saw 22" | | | | | |
| 1.1.1.1.11 | Mixer 3/2 petrol or electric | | | | | |
| 1.1.1.1.12 | Air breaker - CP9 | | | | | |
| 1.1.1.1.13 | Dumper (3 tonne) | | | | | |
| 1.1.1.1.14 | Trench rammer wacker | | | | | |
| 1.1.1.1.15 | Plate compactor | | | | | |
| 1.1.1.1.16 | Vibrating poker | | | | | |
| 1.1.1.1.17 | Mini digger and driver | | | | | |
| 1.1.1.1.18 | Mobile concrete pump including hose and driver (max 24m) | | | | | |
| 1.1.1.2 | <u>Cranes</u> | | | | | |
| 1.1.1.2.1 | Crane and slings Mobile tele-crane (25 tonne) and driver | | | | | |
| 1.1.1.3 | <u>Concrete Plant</u> | | | | | |
| 1.1.1.3.1 | Mobile concrete pump including hose and driver (max 24m) | | | | | |
| 1.1.2 | <u>Temporary works</u> | | | | | |
| 1.1.2.1 | <u>Access scaffolding</u> | | | | | |
| 1.1.2.1.1 | Access scaffolding erection and initial hire charge | | | | | |
| 1.1.2.1.2 | Access scaffolding additional hire charges | | | | | |
| 1.1.2.2 | <u>Temporary works</u> | | | | | |
| 1.1.2.2.1 | Acrow props 1, 2 & 3 | | | | | |
| 1.1.3 | <u>Site Establishment</u> | | | | | |
| 1.1.3.1 | <u>Site accomodation</u> | | | | | |
| 1.1.3.1.1 | Site cabin Site cabin | | | | | |
| 1.1.3.1.2 | Site toilet Site toilet | | | | | |
| 1.1.3.1.3 | Extra labour to set up site compound General labourer | | | | | |
| 1.1.4 | <u>Security</u> | | | | | |
| 1.1.4.1 | <u>Security</u> | | | | | |
| 1.1.4.1.1 | Security | | | | | |
| 1.1.4.2 | <u>Hoardings, fences and gates</u> | | | | | |
| 1.1.4.2.1 | Perimeter fencing 30m length Security fencing | | | | | |
| 1.1.5 | <u>Cleaning</u> | | | | | |
| 1.1.5.1 | <u>Cleaning</u> | | | | | |
| 1.1.5.1.1 | Final pre-handover clean | | | | | |
| 1.1.5.1.2 | External cleaning | | | | | |
| 1.1.6 | <u>Health & Safety</u> | | | | | |
| 1.1.6.1 | <u>Health & Safety</u> | | | | | |
| 1.1.6.1.1 | Health and safety costs | | | | | |
| 1.1.7 | <u>Day travel</u> | | | | | |

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|-------------------------------|---|--|--|--|--|--|---|--------|--|
| 1.1.7.1 | <u>Day travel</u> | | | | | | | | |
| 1.1.7.1.1 | Travel costs 50 miles per week Medium van | | | | | | | | |
| 1.1.8 | <u>Management & Staff</u> | | | | | | | | |
| 1.1.8.1 | <u>Management & Staff</u> | | | | | | | | |
| 1.1.8.1.1 | Site manager | | | | | | | | |
| TOTAL carried to main summary | | | | | | | £ | 66,462 | |

RED-BUILDERS

| Bill No. 2 Demolitions | | | | | | |
|--------------------------------------|--|----------|------|----------|--------------|--|
| 2.3 Demolitions | | Quantity | Unit | Rate | £ | |
| 2.3.1 | <u>Demolitions</u> | | | | | |
| 2.3.1.1 | <u>Concrete slab</u> | | | | | |
| 2.3.1.1.1 | Demolition of plain concrete slab by hand | | | | | |
| 2.3.1.2 | <u>Strip foundations</u> | | | | | |
| 2.3.1.2.1 | Demolition of plain concrete foundations by machine Backhoe loader and driver | | | | | |
| 2.3.1.3 | <u>Masonry walls</u> | | | | | |
| 2.3.1.3.1 | Demolition of half brick thick masonry wall | | | | | |
| TOTAL carried to main summary | | | | £ | 6,520 | |

| Bill No. 3 Excavating & filling | | | | | | |
|--------------------------------------|---|----------|------|----------|--------------|--|
| 3.5 Excavating & filling | | Quantity | Unit | Rate | £ | |
| 3.5.1 | <u>Fillings</u> | | | | | |
| 3.5.1.1 | <u>Filling obtained from excavated material</u> | | | | | |
| 3.5.1.1.1 | Fill obtained from excavated material to foundations 250mm thick compacted in max 150mm layers, laid level | | | | | |
| 3.5.2 | <u>Site clearance/preparation</u> | | | | | |
| 3.5.2.1 | <u>Site preparation</u> | | | | | |
| 3.5.2.1.1 | Clearing site vegetation Mini digger and driver | | | | | |
| 3.5.3 | <u>Excavations</u> | | | | | |
| 3.5.3.1 | <u>Bulk excavation</u> | | | | | |
| 3.5.3.1.1 | Bulk excavation to reduce levels max depth <2m Backhoe loader and driver | | | | | |
| 3.5.3.2 | <u>Sub base</u> | | | | | |
| 3.5.3.2.1 | Excavation from existing sub base max depth <2m Backhoe loader and driver | | | | | |
| 3.5.3.3 | <u>Foundations</u> | | | | | |
| 3.5.3.3.1 | Excavation from foundations max depth <2m Backhoe loader and driver | | | | | |
| 3.5.3.3.2 | Preparing bottom of excavations | | | | | |
| 3.5.4 | <u>Disposal</u> | | | | | |
| 3.5.4.1 | <u>Excavated material disposal</u> | | | | | |
| 3.5.4.1.1 | Disposal of excavated material off site Tipper (20 tonne) and driver inc. land fill tax | | | | | |
| 3.5.5 | <u>Membranes</u> | | | | | |
| 3.5.5.1 | <u>Damp proof membrane</u> | | | | | |
| 3.5.5.1.1 | DPM to beam and block floor construction >500mm wide horizontal Polythene DPM black 1200 gauge (300mu) | | | | | |
| 3.5.6 | <u>Excavation support</u> | | | | | |
| 3.5.6.1 | <u>Excavation support</u> | | | | | |
| 3.5.6.1.1 | Support to faces of excavation | | | | | |
| 3.5.7 | <u>Retaining excavated material</u> | | | | | |
| 3.5.7.1 | <u>Excavated material retention</u> | | | | | |
| 3.5.7.1.1 | Retain excavated subsoil on site in spoil heaps 50m from excavation by machine Dumper (3 tonne) | | | | | |
| TOTAL carried to main summary | | | | £ | 8,000 | |

| Bill No. 4 Insitu concrete works | | | | | | |
|--------------------------------------|---|----------|------|----------|--------------|--|
| 4.11 Insitu concrete works | | Quantity | Unit | Rate | £ | |
| 4.11.1 | <u>Reinforcement</u> | | | | | |
| 4.11.1.1 | <u>Screeds</u> | | | | | |
| 4.11.1.1.1 | Mesh minimum laps 300mm A142 steel fabric reinforcement mesh | | | | | |
| 4.11.2 | <u>Plain in-situ concrete</u> | | | | | |
| 4.11.2.1 | <u>Wall cavity</u> | | | | | |
| 4.11.2.1.1 | Concrete cavity fill Ready mix concrete GEN1, S3 | | | | | |
| 4.11.2.2 | <u>Strip foundations</u> | | | | | |
| 4.11.2.2.1 | Horizontal work >300mm thick to strip foundations poured direct Ready mix concrete GEN1, S3 | | | | | |
| TOTAL carried to main summary | | | | £ | 7,200 | |

RED-BUILDERS

| Bill No. 5 Composite precast concrete | | | | | | |
|---------------------------------------|--|----------|------|----------|---------------|-----------|
| 5.12 Composite precast concrete | | Quantity | Unit | Rate | £ | |
| 5.12.1 | Composite flooring | | | | | |
| 5.12.1.1 | Beam and block floor | | | | | |
| 5.12.1.1.1 | Prestressed beams at 488mm centres and 100mm block floor grouted 48 x 150mm concrete floor beam, Floorblock 4.0N 440 x 100 x 350mm aerated concrete block and Grout between blocks to beam and block floor, Masonry cement and Building sand | | | | | |
| 5.12.1.1.2 | Extra over for additional beams to beam and block floor 48 x 150mm concrete floor beam | | | | | |
| TOTAL carried to main summary | | | | £ | 11,476 | 52 |

RED-BUILDERS

| Bill No. 6 Precast concrete | | | | | | |
|--------------------------------------|---|----------|------|------|----------|------------|
| 6.13 Precast concrete | | Quantity | Unit | Rate | £ | p |
| 6.13.1 | Precast concrete slabs | | | | | |
| 6.13.1.1 | Restraint straps | | | | | |
| 6.13.1.1.1 | Metal fixings, beam and block floor restraint straps Restraint strap bent (at 100mm) 5 x 600mm | | | | | |
| TOTAL carried to main summary | | | | | £ | 217 |

RED-BUILDERS

| Bill No. 7 Masonry | | | | | |
|--------------------|---|----------|------|------|-----|
| 7.14 Masonry | | Quantity | Unit | Rate | £ p |
| 7.14.1 | <u>Brick/block walling</u> | | | | |
| 7.14.1.1 | <u>Wall cavity</u> | | | | |
| 7.14.1.1.1 | Forming 100mm cavity in hollow walls with wall ties at 2.5 per m ² Stainless steel wall tie for 76-100mm cavity | | | | |
| 7.14.1.1.2 | Pre-formed cavity tray to wall opening Lintel tray 400mm wide | | | | |
| 7.14.1.1.3 | Cavity tray stop end Adjustable lintel stop end | | | | |
| 7.14.1.2 | <u>Cavity insulation</u> | | | | |
| 7.14.1.2.1 | Cavity insulation fixed with clips 50mm cavity foil faced phenolic insulation board, Insulation retaining disc and Foil insulation tape (30 micron) 75mm | | | | |
| 7.14.1.3 | <u>Facing brickwork</u> | | | | |
| 7.14.1.3.1 | 102.5mm stretcher bond pointed one side facing brick skin to cavity wall 215 x 102.5 x 65mm facing brick and Site mix mortar 1:2:9, Masonry cement, Building sand and Hydrated lime | | | | |
| 7.14.1.4 | <u>Blockwork</u> | | | | |
| 7.14.1.4.1 | 100mm solid dense concrete blockwork wall above DPC 100mm thick solid dense concrete block 7.3N and Site mix mortar 1:1:6, Masonry cement, Building sand and Hydrated lime | | | | |
| 7.14.1.4.2 | 100mm aerated concrete blockwork skin to cavity wall above DPC 100mm thick aerated concrete block 2.9N and Site mix mortar 1:1:6, Masonry cement, Building sand and Hydrated lime | | | | |
| 7.14.1.4.3 | 100mm thick solid dense concrete blockwork skin to cavity wall above DPC 100mm thick solid dense concrete block 7.3N and Site mix mortar 1:1:6, Masonry cement, Building sand and Hydrated lime | | | | |
| 7.14.1.4.4 | 100mm solid dense concrete blockwork skin to cavity wall below DPC 100mm thick solid dense concrete block 7.3N and Site mix mortar 1:1:6, Masonry cement, Building sand and Hydrated lime | | | | |
| 7.14.1.5 | <u>Engineering brickwork</u> | | | | |
| 7.14.1.5.1 | 102.5mm stretcher bond pointed one side engineering brick skin to cavity wall Class A blue solid engineering brick and Site mix mortar 1:3 builder's sand, Masonry cement and Building sand | | | | |
| 7.14.1.6 | <u>DPCs</u> | | | | |
| 7.14.1.6.1 | Damp proof courses, horizontal Pitch polymer DPC 100mm | | | | |
| 7.14.1.7 | <u>Brick slips</u> | | | | |
| 7.14.1.7.1 | Slips supporting beam and block floor beams Coursing slips 390mm x 100mm x 40mm and Site mix mortar 1:3 builder's sand, Masonry cement and Building sand | | | | |
| 7.14.1.8 | <u>Verge wall ties</u> | | | | |
| 7.14.1.8.1 | Gable wall verge to cavity wall including extra wall ties at 300mm centres Stainless steel wall tie for 76-100mm cavity | | | | |
| 7.14.1.9 | <u>Opening jambs</u> | | | | |
| 7.14.1.9.1 | Opening jambs with additional wall ties at 225mm centres Stainless steel wall tie for 76-100mm cavity | | | | |
| 7.14.1.9.2 | Forming wall opening jambs in solid masonry | | | | |
| 7.14.1.10 | <u>Cavity closers</u> | | | | |
| 7.14.1.10.1 | Proprietary closer to cavity wall opening Cavity closer 100mm | | | | |
| 7.14.1.11 | <u>Expansion joints</u> | | | | |
| 7.14.1.11.1 | Expansion joint to masonry 100mm cavity wall, sealant to one side Expansion joint foam filler 100mm x 10mm, Polysulphide sealant - Brown and Stainless steel wall tie for 76-100mm cavity | | | | |

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| 7.14.1.12 | <u>Lintels</u> | | | | | | |
| 7.14.1.12.1 | Galvanized steel lintel to leaf of cavity wall bedded in mortar Catnic BSD100 interior solid wall lintel standard duty 100mm wall x 4200mm | | | | | | |
| 7.14.1.12.2 | Precast prestressed concrete lintels bedded in mortar Prestressed concrete lintel 1350 x 100 x 65mm | | | | | | |
| 7.14.1.12.3 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 1650mm | | | | | | |
| 7.14.1.12.4 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 3300mm | | | | | | |
| 7.14.1.12.5 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 900mm | | | | | | |
| 7.14.1.12.6 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 1800mm | | | | | | |
| 7.14.1.12.7 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 1500mm | | | | | | |
| 7.14.1.12.8 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 2700mm | | | | | | |
| 7.14.1.12.9 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 1350mm | | | | | | |
| 7.14.1.12.10 | Galvanized steel lintels bedded in mortar Birtley Supergalv CB90 steel cavity combination lintel standard duty 90-110 cavity x 1050mm | | | | | | |
| 7.14.1.12.11 | Precast prestressed concrete lintel to leaf of cavity wall bedded in mortar Prestressed concrete lintel 600 x 100 x 65mm | | | | | | |
| 7.14.1.12.12 | Galvanized steel lintel Birtley Supergalv EV100 steel external wall lintel heavy duty 100mm wall x 2250mm | | | | | | |
| 7.14.1.13 | <u>Air bricks</u> | | | | | | |
| 7.14.1.13.1 | Air brick with periscope sleeve Wall ventilator, terracotta, 215 x 65 x 57mm | | | | | | |
| 7.14.2 | <u>Chimneys and flues</u> | | | | | | |
| 7.14.2.1 | <u>Chimney flues</u> | | | | | | |
| 7.14.2.1.1 | Chimney flue liner bedded in fireproof mortar Square rebated flue liner straight 230mm tall 200mm wide and Class 1 liner sealant | | | | | | |
| 7.14.2.1.2 | Chimney flue insulating backfill Insulating fireplace backfill | | | | | | |
| 7.14.2.1.3 | Chimney fire back bedded in fireproof mortar with block spacer behind Fireback buff 450mm, Class 1 liner sealant and 100mm thick aerated concrete block 7.3N | | | | | | |
| 7.14.2.1.4 | Chimney flue lintel bedded in fireproof mortar Dunbrik throat lintel/gather unit AF225/800mm and Class 1 liner sealant | | | | | | |
| 7.14.2.1.5 | Gas flue block Dunbrik mini clearflow straight intermediate block 225mm | | | | | | |
| 7.14.2.1.6 | Chimney flue liner bend bedded in fireproof mortar Square rebated flue liner bend 22.5deg 200mm wide and Class 1 liner sealant | | | | | | |
| 7.14.2.1.7 | Gas flue block Dunbrik mini clearflow standard starter block | | | | | | |
| 7.14.2.1.8 | Gas flue block Dunbrik mini clearflow top exit block | | | | | | |
| 7.14.2.1.9 | Gas flue block Dunbrik mini clearflow standard gather block | | | | | | |
| 7.14.2.1.10 | Gas flue block Dunbrik mini clearflow lateral offset block 95mm O/S 225mm | | | | | | |
| 7.14.2.2 | <u>Chimney stacks</u> | | | | | | |
| 7.14.2.2.1 | Chimney stack 440 x 440mm single flue 215 x 102.5 x 65mm facing brick and Site mix mortar 1:3 builder's sand, Masonry cement and Building sand | | | | | | |
| 7.14.3 | <u>Proprietary items</u> | | | | | | |
| 7.14.3.1 | <u>Masonry accessories</u> | | | | | | |
| 7.14.3.1.1 | Cavity weep vent Plastic weep vent brown | | | | | | |
| TOTAL carried to main summary | | | | | | £ 43,200 | 62 |

| Bill No. 8 Carpentry | | Quantity | Unit | Rate | £ | p |
|----------------------|--|----------|------|------|---|---|
| 8.16.1 | <u>Metal and plastic accessories</u> | | | | | |
| 8.16.1.1 | <u>Roof accessories</u> | | | | | |
| 8.16.1.1.1 | Eaves strip ventilators Continuous soffit vent for 6-10mm board | | | | | |
| 8.16.1.2 | <u>Roof timbers</u> | | | | | |
| 8.16.1.2.1 | Wall plate straps Restraint strap bent (at 100mm) 5 x 1200mm | | | | | |
| 8.16.1.3 | <u>Roof rafters</u> | | | | | |
| 8.16.1.3.1 | Metal fixings, gable straps at verge level Restraint strap bent (at 100mm) 5 x 1600mm | | | | | |
| 8.16.2 | <u>Timber framing</u> | | | | | |
| 8.16.2.1 | <u>Roof timbers</u> | | | | | |
| 8.16.2.1.1 | Pitched roof counter battens 47 x 50mm sawn carcassing treated FSC | | | | | |
| 8.16.2.1.2 | Noggings between roof rafters 47 x 50mm sawn carcassing treated FSC | | | | | |
| 8.16.2.1.3 | Roof wall plate 75 x 100mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.1.4 | Gable ladder noggings 47 x 50mm sawn carcassing treated FSC | | | | | |
| 8.16.2.1.5 | Ridge board 25 x 225mm sawn dry structural softwood treated FSC | | | | | |
| 8.16.2.1.6 | Roof opening horizontal trimmer 47 x 150mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.1.7 | Loft hatch horizontal trimmer 47 x 150mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.1.8 | Purlin 75 x 225mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.1.9 | Roof binder 47 x 175mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.1.10 | Tilting fillet 0.3m long to rafters 47 x 50mm sawn firring treated FSC | | | | | |
| 8.16.2.2 | <u>Dummy frames</u> | | | | | |
| 8.16.2.2.1 | Window dummy frame 47 x 75mm sawn carcassing FSC | | | | | |
| 8.16.2.3 | <u>Roof rafters</u> | | | | | |
| 8.16.2.3.1 | Roof rafter 47 x 150mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.3.2 | Roof opening rafter trimmer 47 x 150mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.2.3.3 | Roof gable rafter 47 x 100mm regularised joist kiln dried treated C16 graded FSC | | | | | |
| 8.16.3 | <u>Timber first fixings</u> | | | | | |
| 8.16.3.1 | <u>Roof timbers</u> | | | | | |
| 8.16.3.1.1 | Soffit carrier 25 x 38mm sawn batten treated FSC | | | | | |
| 8.16.3.1.2 | Roof lathe to eaves 25 x 38mm sawn batten treated FSC | | | | | |
| 8.16.3.1.3 | Roof lathe to ridge 25 x 38mm sawn batten treated FSC | | | | | |

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|--------------------------------------|---|--|--|----------|---------------|-----------|
| 8.16.4 | <u>Boarding, sheeting, decking, casings and linings</u> | | | | | |
| 8.16.4.1 | <u>Roof timbers</u> | | | | | |
| 8.16.4.1.1 | Sarking board to roof >600mm wide 18.0mm OSB3 board | | | | | |
| 8.16.4.1.2 | Eaves fascia <600mm wide White 175mm x 16mm square fascia board | | | | | |
| 8.16.4.1.3 | Bargeboard <600mm wide White 175mm x 16mm square fascia board | | | | | |
| 8.16.4.1.4 | Soffit board <600mm wide Soffit board non a/c x 4.5 x 150mm | | | | | |
| 8.16.4.2 | <u>Roof accessories</u> | | | | | |
| 8.16.4.2.1 | Tilting fillet support board Soffit board non a/c x 4.5 x 150mm | | | | | |
| 8.16.4.3 | <u>General timbers</u> | | | | | |
| 8.16.4.3.1 | Shower tray support timbers 47 x 100mm sawn carcassing treated FSC | | | | | |
| 8.16.4.4 | <u>Boxing out</u> | | | | | |
| 8.16.4.4.1 | Carcassing to bath side panel 47 x 50mm sawn carcassing treated FSC | | | | | |
| 8.16.4.5 | <u>Thresholds</u> | | | | | |
| 8.16.4.5.1 | Threshold board Joinery redwood nosed and tongued window board 32.0 x 225mm | | | | | |
| TOTAL carried to main summary | | | | £ | 25,140 | 13 |

| Bill No. 9 Sheet roof coverings | | | | | | |
|--------------------------------------|--|----------|------|----------|--------------|-----------|
| 9.17 Sheet roof coverings | | Quantity | Unit | Rate | £ | p |
| 9.17.1 | <u>Flashings</u> | | | | | |
| 9.17.1.1 | <u>Flashings</u> | | | | | |
| 9.17.1.1.1 | Preformed flashings to rooflight opening 660 x 1178mm single window recessed flashing for slate | | | | | |
| 9.17.1.1.2 | Vapour barrier collar to rooflight opening 660 x 1178mm collar for vapour barrier | | | | | |
| 9.17.1.1.3 | Underfelt collar to rooflight opening 660 X 1178mm window collar for underfelt | | | | | |
| TOTAL carried to main summary | | | | £ | 1,205 | 74 |

RED-BUILDERS

| Bill No. 10 Tile and slate roof and wall coverings | | | | | | |
|--|---|----------|------|----------|---------------|-----------|
| 10.18 Tile and slate roof and wall coverings | | Quantity | Unit | Rate | £ | p |
| 10.18.1 | <u>Roof coverings</u> | | | | | |
| 10.18.1.1 | <u>Roof tiles</u> | | | | | |
| 10.18.1.1.1 | Pitch roof coverings with underlay and battens Fibre cement slates (600 x 300), 25 x 38mm sawn batten treated FSC and Breather membrane (Includes a PC Sum Allowance: Fibre cement slates (600 x 300)) | | | | | |
| 10.18.1.1.2 | Boundary work, ridge tiles bedded and pointed Fibre cement angle ridge 900mm, PVC mortar bedding ridge fixing system and Site mix roofing mortar 1:3 builder's/sharp sand mix, Masonry cement, Building sand and Sharp Sand (Includes a PC Sum Allowance: Fibre cement angle ridge 900mm) | | | | | |
| 10.18.1.1.3 | Boundary work to pitched roof eaves slates fixed with nails, horizontal Fibre cement slates (600 x 300) (Includes a PC Sum Allowance: Fibre cement slates (600 x 300)) | | | | | |
| 10.18.1.1.4 | Boundary work to pitched roof top slates fixed with nails, horizontal Fibre cement slates (600 x 300) (Includes a PC Sum Allowance: Fibre cement slates (600 x 300)) | | | | | |
| 10.18.1.1.5 | Boundary work, sloping verge slates bedded and pointed including undercloak Fibre cement slates (600 x 600), Soffit board non a/c x 4.5 x 150mm and Site mix roofing mortar 1:3 builder's/sharp sand mix, Masonry cement, Building sand and Sharp Sand (Includes a PC Sum Allowance: Fibre cement slates (600 x 600)) | | | | | |
| 10.18.1.1.6 | Boundary work to opening perimeter for fibre cement slate, tile treatment to roof opening | | | | | |
| 10.18.1.1.7 | Boundary work, sloping roof window abutment slates Fibre cement slates (600 x 600) (Includes a PC Sum Allowance: Fibre cement slates (600 x 600)) | | | | | |
| TOTAL carried to main summary | | | | £ | 18,100 | 07 |

| Bill No. 11 General joinery | | | | | | |
|--------------------------------------|--|----------|------|----------|--------------|-----------|
| 11.22 General joinery | | Quantity | Unit | Rate | £ | p |
| 11.22.1 | <u>Unframed isolated trims, skirtings and joinery items</u> | | | | | |
| 11.22.1.1 | <u>Decorative joinery</u> | | | | | |
| 11.22.1.1.1 | Skirting board Redwood torus skirting board 25 x 125mm | | | | | |
| 11.22.1.1.2 | Architrave 19.0 x 63mm redwood torus architrave moulding | | | | | |
| 11.22.1.1.3 | Window board Joinery redwood nosed and tongued window board 32.0 x 225mm | | | | | |
| TOTAL carried to main summary | | | | £ | 2,100 | 45 |

RED-BUILDERS

| Bill No. 12 Windows, screens and lights | | | | | | |
|---|--|----------|------|----------|--------------|---|
| 12.23 Windows, screens and lights | | Quantity | Unit | Rate | £ | p |
| 12.23.1 | <u>Windows</u> | | | | | |
| 12.23.1.1 | <u>PVCu windows</u> | | | | | |
| 12.23.1.1.1 | Window PVCu Non Bar Sliding Sash Window White, 630mm wide x 2095mm high, U-value = 1.4 | | | | | |
| 12.23.1.1.2 | Window PVCu Style 60 Casement Window White, 1337mm wide x 895mm high, U-value = 1.4 | | | | | |
| 12.23.1.1.3 | Window PVCu Style 84 Casement Window White, 2334mm wide x 895mm high, U-value = 1.4 | | | | | |
| 12.23.1.1.4 | Window PVCu Style 6 Casement Window White, 1195mm wide x 1495mm high, U-value = 1.4 | | | | | |
| 12.23.2 | <u>Rooflights</u> | | | | | |
| 12.23.2.1 | <u>Timber windows</u> | | | | | |
| 12.23.2.1.1 | Rooflights, 660 x 1178mm roof window centre-pivot white | | | | | |
| TOTAL carried to main summary | | | | £ | 7,520 | |

RED-BUILDERS

| Bill No. 13 Doors, shutters and hatches | | | | | | |
|---|--|----------|------|----------|---------------|-----------|
| 13.24 Doors, shutters and hatches | | Quantity | Unit | Rate | £ | |
| 13.24.1 | <u>Opening in ceiling</u> | | | | | |
| 13.24.1.1 | <u>Loft hatches</u> | | | | | |
| 13.24.1.1.1 | Loft access trap fire resistant (Class O) | | | | | |
| 13.24.2 | <u>Doors and frames</u> | | | | | |
| 13.24.2.1 | <u>Door frames</u> | | | | | |
| 13.24.2.1.1 | Intumescent strip to fire door Intumescent fire and smoke seal white | | | | | |
| 13.24.2.1.2 | Single internal door frames 32 x 138mm softwood fire door lining set | | | | | |
| 13.24.2.1.3 | Double door frames 32 x 133 x 5100mm stock door lining set | | | | | |
| 13.24.2.2 | <u>Panel doors</u> | | | | | |
| 13.24.2.2.1 | Doors JELD-WEN Arlington Smooth 6 Panel FC30 Fire Door 838 x 1981 x 35mm and Concealed door closer | | | | | |
| 13.24.2.2.2 | Door furniture to softwood doors Georgian polished brass internal latch pack | | | | | |
| 13.24.2.2.3 | Double panel doors JELD-WEN Arlington Smooth 6 Panel Middleweight Core Internal Door 864 x 1981 x 35mm and JELD-WEN Arlington Smooth 6 Panel Middleweight Core Internal Door 864 x 1981 x 35mm | | | | | |
| 13.24.2.3 | <u>French doors</u> | | | | | |
| 13.24.2.3.1 | Door set PVCu Double French Door Artisan, 2090 x 1490mm wide, 1.1 U value, Opening In | | | | | |
| 13.24.2.3.2 | Door set PVCu Double French Door Artisan, 2090 x 1190mm wide, 1.1 U value, Opening In | | | | | |
| 13.24.2.3.3 | Side light PVCu Side Panel Side Panel Window White, 590mm wide x 2090mm high, U-value = 1.6 | | | | | |
| 13.24.2.3.4 | Side light PVCu Side Panel Side Panel Window White, 290mm wide x 2090mm high, U-value = 1.6 | | | | | |
| 13.24.2.4 | <u>External panel doors</u> | | | | | |
| 13.24.2.4.1 | Door set PVCu Single Door Artisan, 2090 x 1006mm wide, 1.1 U value, Opening In | | | | | |
| 13.24.2.5 | <u>Patio doors</u> | | | | | |
| 13.24.2.5.1 | Door set PVCu Double Sliding Door with 1 Fixed Pane Artisan, 2090 x 2990mm wide, 1.6 U value, Sliding left | | | | | |
| 13.24.2.6 | <u>Folding patio doors</u> | | | | | |
| 13.24.2.6.1 | Door set PVCu 5 Door Folding Doors Artisan, 2090 x 3890mm wide, 1.6 U value, Opening Out, 0L_5R configuration | | | | | |
| 13.24.3 | <u>Ironmongery</u> | | | | | |
| 13.24.3.1 | <u>Panel doors</u> | | | | | |
| 13.24.3.1.1 | Rebate latch set to double softwood doors Mortice tubular latch 80mm Y2648SE3 | | | | | |
| 13.24.3.1.2 | Necked barrel bolt to double softwood doors Polished brass door bolt 75mm | | | | | |
| TOTAL carried to main summary | | | | £ | 14,350 | 32 |

| Bill No. 14 Floor, wall, ceiling and roof finishings | | | | | | |
|--|--|----------|------|------|---|---|
| 14.28 Floor, wall, ceiling and roof finishings | | Quantity | Unit | Rate | £ | p |
| 14.28.1 | <u>Tiling to walls</u> | | | | | |
| 14.28.1.1 | <u>Tiling</u> | | | | | |
| 14.28.1.1.1 | Finish to walls, tiling >600mm wide Wall tiles, Tile adhesive and White tile grout | | | | | |
| 14.28.1.1.2 | Edge trim Tile edge strip | | | | | |
| 14.28.1.1.3 | Bath seal Bath seal | | | | | |
| 14.28.1.1.4 | Shower seal Bath seal | | | | | |
| 14.28.1.1.5 | Corner trim Under tile bath seal | | | | | |
| 14.28.1.1.6 | Wall tiling sealant Multipurpose sealant | | | | | |
| 14.28.2 | <u>Rendering to walls</u> | | | | | |
| 14.28.2.1 | <u>Render</u> | | | | | |
| 14.28.2.1.1 | 18mm cement and sand two coat wood floated finish >600mm wide | | | | | |
| 14.28.2.1.2 | Render drip bead PVC bell cast bead white 16-20mm | | | | | |
| 14.28.2.1.3 | Render stop bead External PVC render stop white 15mm | | | | | |
| 14.28.2.1.4 | Render corner bead External PVC angle bead white 13-15mm | | | | | |
| 14.28.2.1.5 | Rendering to window reveals 50mm average width Render 18mm cement and sand two coat wood float finish ≤600mm wide, Site mix mortar 1:4 for rendering, Masonry cement, Sharp Sand and Building sand | | | | | |
| 14.28.2.1.6 | Rendering to door reveals 50mm average width Render 18mm cement and sand two coat wood float finish ≤600mm wide, Site mix mortar 1:4 for rendering, Masonry cement, Sharp Sand and Building sand | | | | | |
| 14.28.3 | <u>Plastering to walls</u> | | | | | |
| 14.28.3.1 | <u>Skimmed plasterboard</u> | | | | | |
| 14.28.3.1.1 | Width >600mm, 12.5mm plasterboard with plaster finish coat fixed with adhesive to walls Square edge plasterboard 12.5mm, Plasterboard adhesive and Multi finish plaster | | | | | |
| 14.28.3.1.2 | Plastering to window reveals 194mm average width Skimmed 12.5mm plasterboard fixed with adhesive to walls ≤600mm wide, Square edge plasterboard 12.5mm, Plasterboard adhesive, Multi finish plaster and Plasterboard joint tape 50mm | | | | | |
| 14.28.3.1.3 | Plastering to door reveals 194mm average width Skimmed 12.5mm plasterboard fixed with adhesive to walls ≤600mm wide, Square edge plasterboard 12.5mm, Plasterboard adhesive, Multi finish plaster and Plasterboard joint tape 50mm | | | | | |
| 14.28.3.1.4 | Plastering to door reveals 173mm average width Skimmed 12.5mm plasterboard fixed with adhesive to walls ≤600mm wide, Square edge plasterboard 12.5mm, Plasterboard adhesive, Multi finish plaster and Plasterboard joint tape 50mm | | | | | |
| 14.28.3.1.5 | Plastering to window reveals 158mm average width Skimmed 12.5mm plasterboard fixed with adhesive to walls ≤600mm wide, Square edge plasterboard 12.5mm, Plasterboard adhesive, Multi finish plaster and Plasterboard joint tape 50mm | | | | | |
| 14.28.3.1.6 | Plastering to door reveals 144mm average width Skimmed 12.5mm plasterboard fixed with adhesive to walls ≤600mm wide, Square edge plasterboard 12.5mm, Plasterboard adhesive, Multi finish plaster and Plasterboard joint tape 50mm | | | | | |
| 14.28.3.2 | <u>Wet plastering</u> | | | | | |
| 14.28.3.2.1 | Width >600mm, wet plastering to walls 11mm browning coat with 2mm finish Browning plaster and Multi finish plaster | | | | | |
| 14.28.3.3 | <u>Plastering accessories</u> | | | | | |
| 14.28.3.3.1 | Plastering angle bead Plastering thin coat angle bead | | | | | |
| 14.28.3.3.2 | Plastering angle bead Plastering undercoat angle bead | | | | | |

| | | | | | | | |
|--------------------------------------|---|--|--|--|----------|---------------|-----------|
| 14.28.4 | <u>Plastering to ceilings</u> | | | | | | |
| 14.28.4.1 | <u>Skimmed plasterboard</u> | | | | | | |
| 14.28.4.1.1 | Width >600mm, 12.5mm plasterboard with plaster finish coat fixed to ceiling timbers Square edge plasterboard 12.5mm and Multi finish plaster | | | | | | |
| 14.28.4.1.2 | Plastering to roof window reveals 255mm average width Skimmed 12.5mm plasterboard fixed to roof timbers ≤600mm wide, Square edge plasterboard 12.5mm, Multi finish plaster, Plasterboard joint tape 50mm and Dry-wall screws 42mm | | | | | | |
| 14.28.5 | <u>Joints and strips</u> | | | | | | |
| 14.28.5.1 | <u>Sealant</u> | | | | | | |
| 14.28.5.1.1 | 6mm sealant beads to opening perimeter Silicone sealant white | | | | | | |
| 14.28.6 | <u>Floor screeds</u> | | | | | | |
| 14.28.6.1 | <u>Screed</u> | | | | | | |
| 14.28.6.1.1 | 75mm thick cement and sand hand mix floor screed to beam and block floor >600mm horizontal Site mix screed 1:4, Masonry cement and Sharp Sand | | | | | | |
| 14.28.7 | <u>Tiling to floors</u> | | | | | | |
| 14.28.7.1 | <u>Floor tiles</u> | | | | | | |
| 14.28.7.1.1 | Finish to floors, tiling >600mm wide Floor tiles allowance, Tile adhesive and White tile grout | | | | | | |
| 14.28.7.1.2 | Floor tiling perimeter sealant Multipurpose sealant | | | | | | |
| 14.28.8 | <u>Carpeting to floors</u> | | | | | | |
| 14.28.8.1 | <u>Carpeting</u> | | | | | | |
| 14.28.8.1.1 | Finish to floors, carpet with perimeter fixings >600mm wide Carpet and Medium carpet underlay 80lb waffle (Includes a PC Sum Allowance: Carpet) | | | | | | |
| 14.28.8.1.2 | Carpet gripper rods Carpet gripper | | | | | | |
| 14.28.8.1.3 | Carpet threshold strip Carpet cover door strip aluminium 0.9m | | | | | | |
| 14.28.9 | <u>Laminate floors</u> | | | | | | |
| 14.28.9.1 | <u>Laminate floor</u> | | | | | | |
| 14.28.9.1.1 | Laminate flooring with underlay >600mm wide Laminate flooring white vintage oak planks and Metalized foam underlay 2.5mm thick | | | | | | |
| 14.28.9.1.2 | Laminate flooring horizontal cloaking strip Laminate beading light beach | | | | | | |
| 14.28.9.1.3 | Laminate flooring threshold strip Laminate to carpet threshold profile oak 0.9m | | | | | | |
| TOTAL carried to main summary | | | | | £ | 66,900 | 66 |

| Bill No. 15 Decoration | | | | | |
|------------------------|----------|------|------|---|---|
| 15.29 Decoration | Quantity | Unit | Rate | £ | p |
| 15.29.1 | | | | | |
| | | | | | |
| 15.29.1.1 | | | | | |
| 15.29.1.1.1 | | | | | |
| 15.29.1.1.2 | | | | | |
| 15.29.1.1.3 | | | | | |
| 15.29.1.1.4 | | | | | |
| 15.29.1.1.5 | | | | | |
| 15.29.1.1.6 | | | | | |
| 15.29.1.1.7 | | | | | |
| 15.29.1.1.8 | | | | | |
| 15.29.1.1.9 | | | | | |
| 15.29.1.1.10 | | | | | |
| 15.29.1.1.11 | | | | | |
| 15.29.1.1.12 | | | | | |
| 15.29.1.1.13 | | | | | |
| 15.29.1.1.14 | | | | | |
| 15.29.1.1.15 | | | | | |

| | | | | | | |
|--------------------------------------|---|--|--|--|--|----------------|
| 15.29.1.1.16 | Decoration to door reveals 134mm average width Painting to wall ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt magnolia | | | | | |
| 15.29.1.1.17 | Decoration to roof window reveals 255mm average width Painting to ceiling ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt pure brilliant white | | | | | |
| 15.29.1.1.18 | Decoration to door reveals 194mm average width Painting to wall ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt magnolia | | | | | |
| 15.29.1.1.19 | Decoration to door reveals 173mm average width Painting to wall ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt magnolia | | | | | |
| 15.29.1.1.20 | Decoration to window reveals 50mm average width Decoration to wall render/brickwork ≤300mm wide; two coats, Smooth masonry pure brilliant white | | | | | |
| 15.29.1.1.21 | Decoration to door reveals 50mm average width Decoration to wall render/brickwork ≤300mm wide; two coats, Smooth masonry pure brilliant white | | | | | |
| 15.29.1.1.22 | Decoration to window reveals 158mm average width Painting to wall ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt magnolia | | | | | |
| 15.29.1.1.23 | Decoration to door reveals 144mm average width Painting to wall ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt magnolia | | | | | |
| 15.29.1.1.24 | Decoration to door reveals 0mm average width Painting to wall ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt magnolia | | | | | |
| 15.29.1.1.25 | Decoration to roof window reveals 0mm average width Painting to ceiling ≤300mm wide; mist coat & two coats emulsion, Emulsion vinyl matt pure brilliant white | | | | | |
| TOTAL carried to main summary | | | | | | £ 9,300 |

| Bill No. 16 Insulation, fire stopping & fire protection | | | | | | |
|---|--|----------|------|------|----------|---------------|
| 16.31 Insulation, fire stopping & fire protection | | Quantity | Unit | Rate | £ | p |
| 16.31.1 | <u>Boards</u> | | | | | |
| 16.31.1.1 | <u>Insulation to chimney flues</u> | | | | | |
| 16.31.1.1.1 | Gas flue insulation panel Dunbrik blakbord patent insulation panel 900 x 600 x 25mm | | | | | |
| 16.31.1.2 | <u>Insulation to slab</u> | | | | | |
| 16.31.1.2.1 | Boards to plain horizontal plain areas 60mm thick floor insulation board | | | | | |
| 16.31.1.3 | <u>Insulation to rafters</u> | | | | | |
| 16.31.1.3.1 | Board insulation laid between roof rafters at 400mm centres sloping 100mm thick foil faced PIR general purpose board | | | | | |
| 16.31.1.3.2 | Board insulation laid across roof rafters at 400mm centres sloping 90mm thick foil faced PIR general purpose board | | | | | |
| 16.31.1.4 | <u>Insulation to screed</u> | | | | | |
| 16.31.1.4.1 | Boards to perimeter of 75mm thick floor screed 25mm thick floor insulation board | | | | | |
| 16.31.2 | <u>Sheets</u> | | | | | |
| 16.31.2.1 | <u>Vapour barriers</u> | | | | | |
| 16.31.2.1.1 | Vapour barrier to floor screed Polythene vapour check green 125mu | | | | | |
| 16.31.3 | <u>Quilts</u> | | | | | |
| 16.31.3.1 | <u>Insulation to rafters</u> | | | | | |
| 16.31.3.1.1 | Quilt insulation laid between roof rafters at 400mm centres sloping 150mm thick mineral wool insulation roll | | | | | |
| TOTAL carried to main summary | | | | | £ | 22,700 |

| Bill No. 17 Furniture, fittings and equipment | | | | | | |
|---|--|----------|------|----------|---------------|--|
| 17.32 Furniture, fittings and equipment | | Quantity | Unit | Rate | £ | |
| 17.32.1 | <u>General fixtures, furnishings and equipment</u> | | | | | |
| 17.32.1.1 | <u>Taps</u> | | | | | |
| 17.32.1.1.1 | External tap Hose union bib tap with check valve 1/2" | | | | | |
| 17.32.1.2 | <u>Fire surrounds</u> | | | | | |
| 17.32.1.2.1 | Fire surround Fire surround mantle and Fire surround back panel and hearth (Includes PC Sum Allowances: Fire surround mantle and Fire surround back panel and hearth) | | | | | |
| 17.32.1.3 | <u>Gas fires</u> | | | | | |
| 17.32.1.3.1 | Gas fire Gas fire and Gas fire | | | | | |
| 17.32.2 | <u>Kitchen fittings</u> | | | | | |
| 17.32.2.1 | <u>Taps</u> | | | | | |
| 17.32.2.1.1 | Kitchen sink mixer tap (Includes a PC Sum Allowance: Sink mixer tap) | | | | | |
| 17.32.2.2 | <u>Built in cupboards</u> | | | | | |
| 17.32.2.2.1 | Standard base unit 1000mm long 1000 D/L base unit standard | | | | | |
| 17.32.3 | <u>Sanitary appliances and fittings</u> | | | | | |
| 17.32.3.1 | <u>Plumbing</u> | | | | | |
| 17.32.3.1.1 | Basin waste PVD | | | | | |
| 17.32.3.1.2 | Bath waste PVD | | | | | |
| 17.32.3.2 | <u>Bathroom appliances</u> | | | | | |
| 17.32.3.2.1 | | | | | | |
| 17.32.3.2.2 | Square 2 sided shower enclosure Square shower tray 760 x 760 x 95mm, 760mm glass pivot shower enclosure door, 760mm side panel for shower enclosure and Bath seal | | | | | |
| 17.32.3.2.3 | Close coupled toilet; pan, cistern, seat and lid Ideal Standard Alto close coupled pan 6/4 7 4/2.6l, Ideal Standard Alto dual flush cistern 4/2.6l and Ideal Standard Alto toilet seat and cover white | | | | | |
| 17.32.3.2.4 | Basin and pedestal Ideal Standard Alto handrinse basin 2TH 450mm and Ideal Standard Alto semi-pedestal | | | | | |
| 17.32.3.2.5 | Acrylic bath Ideal Standard Alto LH shower bath NTH 1700 x 800mm | | | | | |
| 17.32.3.2.6 | Shower screen Overbath curved shower screen LH | | | | | |
| 17.32.3.2.7 | Acrylic bath Ideal Standard Alto bath 2TH 1700 x 700mm | | | | | |
| 17.32.3.2.8 | Acrylic bath side panel | | | | | |
| 17.32.3.2.9 | Acrylic bath end panel | | | | | |
| 17.32.3.2.10 | Bath handle Bath handles chrome | | | | | |
| 17.32.3.3 | <u>Taps</u> | | | | | |
| 17.32.3.3.1 | Basin taps Ideal Standard Elements 1/2" basin pillar taps inc. cross handles | | | | | |
| 17.32.3.3.2 | Bath filler tap Ideal Standard Elements 2H bath filler inc. cross handles | | | | | |
| TOTAL carried to main summary | | | | £ | 12,400 | |

| Bill No. 18 Drainage above ground | | Quantity | Unit | Rate | £ | p |
|--------------------------------------|---|----------|------|----------|--------------|---|
| 18.33.1 | <u>Rainwater installations</u> | | | | | |
| 18.33.1.1 | <u>Guttering</u> | | | | | |
| 18.33.1.1.1 | Gutters Plastic rainwater half round 112mm 4m gutter black | | | | | |
| 18.33.1.1.2 | Fittings and accessories Plastic rainwater half round 112mm gutter union bracket black | | | | | |
| 18.33.1.1.3 | Fittings and accessories Plastic rainwater half round 112mm short stop end outlet black | | | | | |
| 18.33.1.2 | <u>Downpipes</u> | | | | | |
| 18.33.1.2.1 | Pipework Plastic rainwater round pipe 68mm 2.5m black, Plastic rainwater round pipe 68mm pipe connector black and Plastic rainwater round pipe 68mm pipe socket bracket black | | | | | |
| 18.33.1.2.2 | Fittings and accessories Plastic rainwater round pipe 68mm pipe shoe black | | | | | |
| 18.33.2 | <u>Foul drainage installations</u> | | | | | |
| 18.33.2.1 | <u>Waste pipework</u> | | | | | |
| 18.33.2.1.1 | 40mm diameter solvent weld soil pipe Waste pipe 40mm | | | | | |
| 18.33.2.1.2 | 22mm diameter pipe for boiler condensate 22mm polybutylene pipe | | | | | |
| 18.33.2.1.3 | 32mm diameter solvent weld soil pipe Waste pipe 32mm | | | | | |
| 18.33.2.1.4 | 32mm diameter solvent weld soil pipe for boiler condensate Waste pipe 32mm | | | | | |
| 18.33.2.1.5 | 40mm diameter solvent weld 87.5 degree bend 40mm waste plumbing 92.5 degree bend pushfit | | | | | |
| 18.33.2.2 | <u>Soil pipework</u> | | | | | |
| 18.33.2.2.1 | 110mm diameter horizontal pushfit pipework clipped to wall Single socket soil pipe black | | | | | |
| 18.33.2.2.2 | 110mm diameter vertical pushfit pipework clipped to wall Single socket soil pipe black | | | | | |
| 18.33.2.2.3 | 40mm compression bottle trap Bottle trap 76mm | | | | | |
| 18.33.2.2.4 | 110mm diameter pushfit bottom offset bend Bottom offset bend | | | | | |
| 18.33.2.2.5 | 110mm diameter pushfit 87.5 degree rest bend set in concrete 92.5 degree bend single socket and Gen1 ready mixed concrete | | | | | |
| 18.33.2.2.6 | 110mm diameter pushfit 87.5 degree access branch 92.5 degree access branch | | | | | |
| 18.33.2.2.7 | 110mm diameter pushfit toilet pan connector WC pan straight connector | | | | | |
| 18.33.2.2.8 | 50mm compression shower waste 50mm standard shower tray waste white | | | | | |
| 18.33.2.2.9 | 110mm diameter pushfit boss pipe Boss pipe | | | | | |
| 18.33.2.2.10 | 40mm compression sink and appliance trap Tubular swivel P trap 40mm | | | | | |
| 18.33.2.2.11 | 40mm compression bath trap Shallow bath trap 40mm | | | | | |
| 18.33.2.2.12 | 110mm diameter pushfit vent cowl Soil vent terminal | | | | | |
| TOTAL carried to main summary | | | | £ | 5,700 | |

| Bill No. 19 Drainage below ground | | Quantity | Unit | Rate | £ | p |
|--------------------------------------|---|----------|------|----------|--------------|---|
| 19.34.1 | <u>Manholes</u> | | | | | |
| 19.34.1.1 | <u>Plastic manhole systems</u> | | | | | |
| 19.34.1.1.1 | Plastic manhole consisting of Plastic manhole 475mm diameter base unit, Plastic 475mm diameter manhole access chamber base unit 225 x 100mm , Plastic manhole 475mm diameter raising piece, Plastic 475mm diameter manhole inspection chamber raising piece 175mm and Plastic manhole cover and frame, Round ductile iron cover and plastic frame B125 seated on 150mm thick concrete base and backfilled with Concrete surrounds to manhole poured direct against face of excavation, Ready mix concrete GEN1, S3 , refer to drawings for channel layout; 650mm invert depth, includes Excavating small pits for drainage. Backhoe loader and driver | | | | | |
| 19.34.2 | <u>Drain runs</u> | | | | | |
| 19.34.2.1 | <u>Drainage</u> | | | | | |
| 19.34.2.1.1 | Single drain run PVCu drainage pipes laid in trench, Plastic pipe plain ended 110mm and Underground pipe coupling double socket 110mm , 850mm average depth to invert in 1000mm deep 300mm wide excavation, laid on 150mm thick bedding with 250mm thick cover material, capped with 200mm thick concrete protection and backfilled, including Drainage trench excavation max depth ≤2m, Backhoe loader and driver | | | | | |
| 19.34.3 | <u>Pipe fittings</u> | | | | | |
| 19.34.3.1 | <u>Drainage</u> | | | | | |
| 19.34.3.1.1 | Drainage bend Double socket bend 87 Degree 110mm | | | | | |
| 19.34.3.1.2 | Drainage bend Double socket bend 15 degree 110mm | | | | | |
| 19.34.3.1.3 | Drainage pipe adaptor Adaptor double socket clay/cast connector 100mm | | | | | |
| 19.34.3.1.4 | Drainage junction Double socket equal junction 45 degree 110mm | | | | | |
| 19.34.3.1.5 | Drainage bend Double socket bend 45 degree 110mm | | | | | |
| 19.34.3.1.6 | Drainage bend Double socket bend 11.25 degree 100mm | | | | | |
| 19.34.3.1.7 | Drainage bend Single socket bend 11.25 degree 110mm | | | | | |
| 19.34.3.1.8 | Drainage coupling Underground pipe coupling double socket 110mm | | | | | |
| 19.34.4 | <u>Accessories</u> | | | | | |
| 19.34.4.1 | <u>Drainage</u> | | | | | |
| 19.34.4.1.1 | Drainage back inlet gully Back inlet bottle gully | | | | | |
| TOTAL carried to main summary | | | | £ | 2,720 | |

| Bill No. 20 Mechanical services | | | | | | |
|---------------------------------|--|----------|------|------|---|--|
| 20.38 Mechanical services | | Quantity | Unit | Rate | £ | |
| 20.38.1 | <u>Pipework</u> | | | | | |
| 20.38.1.1 | <u>Pipework</u> | | | | | |
| 20.38.1.1.1 | Pipework in timber floor, 22mm copper end feed, clipped Copper tube table X. EN1057 22mm, End feed 22mm coupler and Plastic 22mm nail in type/microbore pipe clip | | | | | |
| 20.38.1.1.2 | Pipework in timber floor, 15mm copper end feed, clipped Copper tube table X. EN1057 15mm, End feed 15mm coupler and Plastic 15mm nail in type/microbore pipe clip | | | | | |
| 20.38.1.1.3 | Pipework in concrete, 15mm copper end feed, with protection Copper tube table X. EN1057 15mm, End feed 15mm coupler and Plastic 15mm conduit pipe | | | | | |
| 20.38.1.1.4 | Pipework in concrete, 22mm copper end feed, with protection Copper tube table X. EN1057 22mm, End feed 22mm coupler and Plastic 22mm conduit pipe | | | | | |
| 20.38.1.1.5 | Pipework radiator tails, 15mm copper end feed Copper tube table X. EN1057 15mm | | | | | |
| 20.38.1.1.6 | Pipework surface mounted, 15mm copper end feed, clipped Copper tube table X. EN1057 15mm, End feed 15mm coupler and Copper pipe clips 15mm | | | | | |
| 20.38.1.1.7 | Pipework in timber floor, 28mm copper end feed, clipped Copper tube table X. EN1057 28mm, End feed 28mm coupler and Nail in clips 28mm | | | | | |
| 20.38.1.1.8 | Pipework in channel, 28mm copper end feed, clipped Copper tube table X. EN1057 28mm, End feed 28mm coupler and Hinged plastic pipe clip 28mm | | | | | |
| 20.38.1.1.9 | Pipework surface mounted, 22mm copper end feed, clipped Copper tube table X. EN1057 22mm, End feed 22mm coupler and Copper pipe clips 22mm | | | | | |
| 20.38.1.1.10 | Pipework in timber stud wall, 15mm copper end feed, clipped Copper tube table X. EN1057 15mm, End feed 15mm coupler and Plastic 15mm nail in type/microbore pipe clip | | | | | |
| 20.38.1.1.11 | Pipe fittings End feed 22mm elbow | | | | | |
| 20.38.1.1.12 | Pipe fittings End feed 15mm equal tee | | | | | |
| 20.38.1.1.13 | Pipe fittings End feed 15mm elbow | | | | | |
| 20.38.1.1.14 | Pipe fittings End feed 22mm x 22mm x 15mm tee reduced branch | | | | | |
| 20.38.1.1.15 | Pipe fittings End feed 22mm equal tee | | | | | |
| 20.38.1.1.16 | Pipe fittings End feed 15mm x 1/2 inch straight tap connector | | | | | |
| 20.38.1.1.17 | Pipe fittings End feed 22mm x 15mm x 22mm tee reduced end | | | | | |
| 20.38.1.1.18 | Pipe fittings 15mm chrome isolating ball valve copper x copper | | | | | |
| 20.38.1.1.19 | Pipe fittings End feed 22mm x 15mm x 15mm tee reduced end and branch | | | | | |

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|--------------|--|--|--|--|--|--|
| 20.38.1.1.20 | Pipe fittings End feed 28mm x 28mm x 15mm tee reduced branch | | | | | |
| 20.38.1.1.21 | Pipe fittings 22mm brass gate valve copper x copper | | | | | |
| 20.38.1.1.22 | Pipe fittings End feed 22mm x 15mm fitting reducer | | | | | |
| 20.38.1.1.23 | Pipe fittings End feed 15mm x 1/2 inch bent tap connector | | | | | |
| 20.38.1.1.24 | Pipe fittings End feed 28mm elbow | | | | | |
| 20.38.1.1.25 | Pipe fittings End feed 15mm x 3/4 inch straight tap connector | | | | | |
| 20.38.1.1.26 | Pipe fittings 15mm brass gate valve copper x copper | | | | | |
| 20.38.1.1.27 | Pipe fittings End feed 22mm x 15mm reduced coupler | | | | | |
| 20.38.1.1.28 | Pipe fittings 22mm QT brass nickel plated ball valve | | | | | |
| 20.38.1.1.29 | Pipe fittings End feed 28mm x 22mm reduced coupler | | | | | |
| 20.38.1.1.30 | Pipe fittings End feed 22mm x 3/4 inch straight tap connector | | | | | |
| 20.38.1.2 | <u>Gas pipework</u> | | | | | |
| 20.38.1.2.1 | Pipework in channel, 22mm copper end feed, clipped Copper tube table X. EN1057 22mm, End feed 22mm coupler and 22mm clip over pipe clips | | | | | |
| 20.38.1.2.2 | Pipework surface mounted, 15mm copper end feed, clipped Copper tube table X. EN1057 15mm, End feed 15mm coupler and Copper pipe clips 15mm | | | | | |
| 20.38.1.2.3 | Pipework in channel, 15mm copper end feed, clipped Copper tube table X. EN1057 15mm, End feed 15mm coupler and 15mm clip over pipe clips | | | | | |
| 20.38.1.2.4 | Pipe fittings End feed 15mm x 1/2 inch straight tap connector | | | | | |
| 20.38.1.2.5 | Pipe fittings Straight bayonet cooker hose 4' x 1/2" and End feed 15mm x 1/2 inch female straight connector | | | | | |
| 20.38.2 | <u>Insulation and fire protection</u> | | | | | |
| 20.38.2.1 | <u>Pipe insulation</u> | | | | | |
| 20.38.2.1.1 | Insulation to pipework Pipe insulation grey 22mm x 9mm | | | | | |
| 20.38.2.1.2 | Insulation to pipework Pipe insulation grey 28mm x 9mm | | | | | |
| 20.38.3 | <u>Primary equipment</u> | | | | | |
| 20.38.3.1 | <u>Extract ventilation</u> | | | | | |
| 20.38.3.1.1 | Bathroom extractor fan wall mounted 12W bathroom fan | | | | | |

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|--------------------------------------|--|--|--|--|--|-----------------|
| 20.38.3.2 | <u>Boiler</u> | | | | | |
| 20.38.3.2.1 | Wall hung combination gas boiler with flue Vaillant ecoTEC plus 837HE condensing combi boiler and Vaillant standard flue with elbow and terminal | | | | | |
| 20.38.4 | <u>Terminal equipment</u> | | | | | |
| 20.38.4.1 | <u>Heat emitters</u> | | | | | |
| 20.38.4.1.1 | Radiator fixed with brackets Double panel radiator type 22 400 x 1400mm | | | | | |
| 20.38.4.1.2 | Radiator fixed with brackets Double panel radiator type 22 400 x 1100mm | | | | | |
| 20.38.4.1.3 | Radiator fixed with brackets Double panel double convector radiator white 600 x 1400mm | | | | | |
| 20.38.4.1.4 | Radiator fixed with brackets Single panel radiator type 11 400 x 900mm | | | | | |
| 20.38.4.1.5 | Towel rail with heater fixed with brackets 690mm x 500mm curved chrome towel warmer | | | | | |
| 20.38.4.1.6 | Radiator fixed with brackets Double panel radiator type 22 400 x 1200mm | | | | | |
| 20.38.4.1.7 | Radiator fixed with brackets Double panel radiator type 22 400 x 900mm | | | | | |
| 20.38.4.1.8 | Radiator fixed with brackets Double panel radiator type 22 400 x 800mm | | | | | |
| 20.38.4.1.9 | Radiator fixed with brackets Double panel plus convector radiator white 600 x 1000mm | | | | | |
| 20.38.4.2 | <u>Heating system components</u> | | | | | |
| 20.38.4.2.1 | Heating system room thermostat Honeywell DT200 electronic room thermostat | | | | | |
| 20.38.4.2.2 | Heating system timer Centralised system timer | | | | | |
| 20.38.5 | <u>Pipe ancillaries</u> | | | | | |
| 20.38.5.1 | <u>Pipework</u> | | | | | |
| 20.38.5.1.1 | Thermostatic radiator valve jointing to 15mm copper pipes White and chrome TRV 15mm angled | | | | | |
| 20.38.5.1.2 | Lockshield radiator valve jointing to 15mm copper pipes 15mm x 1/2in wheelhead/lockshield angle valve CP | | | | | |
| 20.38.5.1.3 | Towel heater radiator valve jointing to 15mm copper pipes Radiator valve angled 15mm chrome | | | | | |
| 20.38.5.2 | <u>Heating system components</u> | | | | | |
| 20.38.5.2.1 | Heating system scale reducer Fernox boiler buddy | | | | | |
| 20.38.5.2.2 | Heating system motorised valve Motorised valve 240V 22mm compression fittings | | | | | |
| 20.38.6 | <u>Ventilation ducts</u> | | | | | |
| 20.38.6.1 | <u>Extract ventilation</u> | | | | | |
| 20.38.6.1.1 | Ventilation ductwork at ceiling level Insulated flexible ducting hose 10m x 102mm | | | | | |
| 20.38.7 | <u>Duct fittings</u> | | | | | |
| 20.38.7.1 | <u>Extract ventilation</u> | | | | | |
| 20.38.7.1.1 | Ventillation grill to external wall Fixed louvre vent white 100 x 100mm | | | | | |
| TOTAL carried to main summary | | | | | | £ 11,950 |

| Bill No. 21 Electrical services | | | | | | |
|---------------------------------|--|----------|------|------|---|---|
| 21.39 Electrical services | | Quantity | Unit | Rate | £ | p |
| 21.39.1 | <u>Primary equipment</u> | | | | | |
| 21.39.1.1 | <u>Consumer unit</u> | | | | | |
| 21.39.1.1.1 | 10 way twin RCD flexible split load consumer unit with 1 x 63A RCD, 1 x 80A RCD and 10MCBs | | | | | |
| 21.39.2 | <u>Terminal equipment and fittings</u> | | | | | |
| 21.39.2.1 | <u>Electrics</u> | | | | | |
| 21.39.2.1.1 | Double socket in solid wall 13A 2 gang double pole switched socket & 2.1A USB charger white | | | | | |
| 21.39.2.1.2 | Recessed downlight Fixed fire rated integrated dimmable LED downlight polished chrome 240V | | | | | |
| 21.39.2.1.3 | Double socket in solid wall 13A 2 gang double pole switched socket white | | | | | |
| 21.39.2.1.4 | Double socket in stud wall 13A 2 gang double pole switched socket white and 2G dry lining box 35mm | | | | | |
| 21.39.2.1.5 | White shaver light 60W - surface mounted White shaver light low energy 11W | | | | | |
| 21.39.2.1.6 | Fused spur switch - flush mounted to solid wall White 13A DP sw FCU and neon | | | | | |
| 21.39.2.1.7 | Door bell wired system Door bell push, Door bell transformer, Door chime and 2-core bell cable white | | | | | |
| 21.39.2.1.8 | Single light switch in solid wall White 6AX 3 pole fan isolating switch | | | | | |
| 21.39.2.1.9 | Ceiling rose Pendant set | | | | | |
| 21.39.2.1.10 | Bathroom ceiling light Brushed chrome bathroom ceiling light 60W | | | | | |
| 21.39.2.1.11 | Double pole electric shower pullcord switch surface mounted at high level White 50A pullcord sw and neon | | | | | |
| 21.39.2.1.12 | Unit lighting Cabinet light 20W | | | | | |
| 21.39.2.1.13 | Single socket in solid wall White 13A 1G DP unswitched socket | | | | | |
| 21.39.2.1.14 | Single light switch in stud wall White 1G 2W 10AX light switch | | | | | |
| 21.39.2.1.15 | Wall light Wall light brushed chrome | | | | | |
| 21.39.2.1.16 | Single socket in solid wall Electronic heating element controller | | | | | |
| 21.39.2.1.17 | Double light switch in solid wall White 2G 2W 10AX light switch | | | | | |
| 21.39.2.1.18 | Front door light Coach 100W black lantern wall light | | | | | |
| 21.39.2.1.19 | Triple light switch in solid wall White 3G 2W 10AX light switch | | | | | |
| 21.39.2.1.20 | Pullcord light switch surface mounted at high level White 6A 2W pullcord switch | | | | | |
| 21.39.2.1.21 | Cooker switch - flush mounted to solid wall White 1G 45A cooker switch | | | | | |
| 21.39.2.1.22 | Cooker connection unit - flush mounted to solid wall White 45A cooker connection unit | | | | | |
| 21.39.2.1.23 | Single light switch in solid wall White 1G 1W 10AX switch | | | | | |
| 21.39.2.1.24 | Double light switch in stud wall White 2G 2W 10AX light switch | | | | | |
| 21.39.2.1.25 | Single light switch in solid wall White 1G 2W 10AX light switch | | | | | |
| 21.39.2.2 | <u>TV wiring</u> | | | | | |
| 21.39.2.2.1 | TV point - flush mounted to solid wall White 1G TV/FM socket | | | | | |
| 21.39.2.2.2 | TV point - flush mounted to stud wall White 1G TV/FM socket | | | | | |
| 21.39.2.3 | <u>Smoke alarms</u> | | | | | |
| 21.39.2.3.1 | Smoke alarm Ionisation alarm with 9V battery backup | | | | | |
| 21.39.3 | <u>Cable containment</u> | | | | | |

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|--------------------------------------|---|--|--|--|--|-----------------|
| 21.39.3.1 | <u>Electrics</u> | | | | | |
| 21.39.3.1.1 | Channel nailed to surfaces Galvanised steel channel 25mm | | | | | |
| 21.39.3.1.2 | Channel nailed to surfaces Galvanised steel channel 12mm | | | | | |
| 21.39.4 | <u>Cables</u> | | | | | |
| 21.39.4.1 | <u>Electrics</u> | | | | | |
| 21.39.4.1.1 | Cables clipped to surfaces 6242Y twin and earth cable grey 2.5mm ² | | | | | |
| 21.39.4.1.2 | Cables drawn into conduit 6242Y twin and earth cable grey 2.5mm ² | | | | | |
| 21.39.4.1.3 | Cables clipped to surfaces 6242Y twin and earth cable grey 6mm | | | | | |
| 21.39.4.1.4 | Cables clipped to surfaces 6242Y twin and earth cable grey 1.5mm ² | | | | | |
| 21.39.4.1.5 | Cables clipped to surfaces Satellite white coaxial cable | | | | | |
| 21.39.4.1.6 | Earth bonding conductors clipped to surfaces 6491X 10mm conduit wiring cable green/yellow | | | | | |
| 21.39.4.1.7 | 6181Y 25mm ² single core copper PVC insulated and sheathed cable blue/grey | | | | | |
| 21.39.4.1.8 | Earth bonding conductors drawn into conduit 6491X 10mm conduit wiring cable green/yellow | | | | | |
| 21.39.4.1.9 | Cables clipped to surfaces 6242Y twin and earth cable grey 1mm | | | | | |
| 21.39.4.1.10 | 6491X 16mm ² single core copper PVC insulated and sheathed cable green/yellow | | | | | |
| 21.39.4.1.11 | Cables drawn into conduit 6242Y twin and earth cable grey 1mm | | | | | |
| 21.39.4.1.12 | Cables drawn into conduit 6242Y twin and earth cable grey 6mm | | | | | |
| 21.39.4.1.13 | Cables drawn into conduit 6242Y twin and earth cable grey 1.5mm ² | | | | | |
| 21.39.4.1.14 | Cables drawn into conduit Satellite white coaxial cable | | | | | |
| 21.39.4.1.15 | Cables clipped to surfaces 6243YH 1.0mm ² cable grey | | | | | |
| 21.39.5 | <u>Earth protection</u> | | | | | |
| 21.39.5.1 | <u>Earth bonding</u> | | | | | |
| 21.39.5.1.1 | Earth bonding clamp Earth clamp EC14 internal | | | | | |
| 21.39.6 | <u>Testing and commissioning</u> | | | | | |
| 21.39.6.1 | <u>Electrical testing</u> | | | | | |
| 21.39.6.1.1 | Electrical testing | | | | | |
| TOTAL carried to main summary | | | | | | £ 12,300 |

| Bill No. 22 Builder's work in connection with mechanical, electrical & transportation installations | | | | | | |
|---|---|----------|------|----------|------------|--|
| 22.41 Builder's work in connection with mechanical, electrical & transportation installations | | Quantity | Unit | Rate | £ | |
| 22.41.1 | <u>Work for services installations in existing buildings</u> | | | | | |
| 22.41.1.1 | <u>Forming holes for services</u> | | | | | |
| 22.41.1.1.1 | Cutting 45mm hole through existing 200mm thick masonry structure for extractor fan vent Diamond core drill bit 117mm x 150mm | | | | | |
| 22.41.1.1.2 | Cutting 45mm hole through existing 200mm thick masonry structure for soil pipe Diamond core drill bit 117mm x 150mm | | | | | |
| 22.41.1.1.3 | Cutting 45mm hole through existing 200mm thick masonry structure for waste pipe Diamond dry core bit 45mm x 150mm | | | | | |
| 22.41.1.1.4 | Cutting 45mm hole through existing 200mm thick masonry structure for boiler flue Diamond core drill bit 117mm x 150mm | | | | | |
| 22.41.1.1.5 | Cutting 38mm hole through existing 200mm thick masonry structure for boiler condensate pipe Diamond core drill bit 38mm x 150mm | | | | | |
| 22.41.1.1.6 | Cutting 28mm hole through existing 200mm thick masonry structure for pipework to outside taps Diamond core drill bit 28mm x 300mm | | | | | |
| TOTAL carried to main summary | | | | £ | 340 | |

| Bill No. 23 Provisional Sums | | | | | | |
|--------------------------------------|-------------------------------|----------|------|----------|---------------|--|
| 13.99 Provisional Sums | | Quantity | Unit | Rate | £ | |
| 23.99.1 | Provisional sums | | | | | |
| 23.99.1.1 | Provisional sums as described | | | | | |
| 23.99.1.1.1 | Kitchen supply | | | | | |
| 23.99.1.1.2 | External doors supply | | | | | |
| 23.99.1.1.3 | Bathroom supply | | | | | |
| 23.99.1.1.4 | Drainage | | | | | |
| TOTAL carried to main summary | | | | £ | 23,000 | |

RED-BUILDERS