

Rear Extension

for

Sample
5 Roper Road
Teynham
Sittingbourne
Kent

at:

5 Roper Road
Teynham
Sittingbourne
Kent



Tamway
Construction Ltd

Sample
5 Roper Road
Teynham
Sittingbourne
Kent

Site address:
5 Roper Road
Teynham
Sittingbourne
Kent

Saturday, 5 January 2019

Dear Sample,

Subject: Rear Extension

Thank you for your valued enquiry and instructions to quote for the above project.

We are pleased to attach the following estimate as requested. Should you have any questions regarding this estimate, please do not hesitate to contact us.

Considerations:

This estimate is based on the specification described herein. Any changes to drawings or specification would be treated as a variation and may be subject to an agreed price adjustment.

This estimate is valid for a period of 28 days from date of issue.

We trust that we have interpreted your requirements correctly as every effort has been made to accurately estimate your project.

We look forward to hearing from you.

Yours sincerely

Commencement

Preparation of site and commencement of all building works.

Labour

Rear and Side Extension

Site Strip

Banksman to assist with clearance of site	Groundworker	16 Hours
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Plant

Rear and Side Extension

Site Strip

Mini digger for clearing topsoil for removal from site	Mini Digger & Driver (8hr. day)	.58 Day
Removal of spoil from site	20 Tonne Tipper & Driver inc. Land Fill Tax	.61 20 Tonne
Dumper to assist with site clearance	3 Tonne Dumper	1 Week
Deliveries of plant for site clearance	Delivery (10 to 15 Miles)	2 Each

Design Phase

No allowance has been made for any necessary preparation of plans for Planning and Building Regulation Approval. All designs are the responsibility of the client.

Subcontract Work

Rear and Side Extension

Planning and Design Engineer)

Engineers fees	Costs (Structural Engineers Fees)	800 Each
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Foundations

Excavate for foundations using mechanical plant (if required) and cast foundations. Please note that the Building Control Officer will inspect the foundation prior to concreting and may require changes to the foundation depth and construction. Variations for additional excavation, trench support and concrete etc. will incur additional costs.

Labour

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Place cavity fill	Groundworker	3 Hours
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Subcontract Work

Rear and Side Extension

Composite Items (Piling)

Piling bore holes	Piling Contractor	4820 Unit
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Site set up

Set up site ready to commence building works. Provide site toilet, cabin and security fencing to protect the building works during construction. Ensure the provision of adequate health and safety documentation and insurance for the duration of the contract.

Plant

Rear and Side Extension

Site Establishment (General Site Costs)

Skip	Skip 7m3 inc. Land Fill Tax	1 Each
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Footings

Construct brick and block footings off prepared foundations.

Material

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Cavity Fill	R'mix Concrete GEN 1, 125mm slump 2-3 m3 (Allowance £115)	.43 m³
Trench Blocks	Trench Block 440 x 215 x 300mm	4.3 m²
Blockwork to inner leaf below dpc	Solid Dense Concrete Block 7N 440 x 215 x 100mm	8.6 m²
Blockwork to outer leaf below dpc	Solid Dense Concrete Block 7N 440 x 215 x 100mm	4.3 m²
Bricks below splash course	Facing Bricks - Provisional (Allowance £0.90 each)	86 Each
Bricks for use in splash course	Engineering Brick - Class A Blue 65mm	171 Each
Sand below dpc in brickwork	Building Sand Bulk Bag	.18 Each
Sand below dpc in blockwork	Building Sand Bulk Bag	.17 Each
Sand below dpc in trench blocks	Building Sand Bulk Bag	.12 Each
Cement below dpc in brickwork	Blue Circle Mastercrete Original Cement 25kg Bag	2.1 Each
Cement below dpc in blockwork	Blue Circle Mastercrete Original Cement 25kg Bag	2 Each
Cement below dpc in trench blocks	Blue Circle Mastercrete Original Cement 25kg Bag	1.3 Each

Raft Foundation with Toe (Ring Beam)

Bricks for use in splash course	Engineering Brick - Class A Blue 65mm	486 Each
Sand below dpc in brickwork	Building Sand Bulk Bag	.34 Each
Cement below dpc in brickwork	Blue Circle Mastercrete Original Cement 25kg Bag	3.9 Each
Insulation to slab edge	Flooring Grade Polystyrene Insulation Sheet 2400 x 1200 x 100mm	2.8 Sheet

Labour

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Lay Trench Blocks	2 Bricklayers and Mate	2 Hours
Lay blockwork to inner leaf below dpc	2 Bricklayers and Mate	3 Hours
Lay blockwork to outer leaf below dpc	2 Bricklayers and Mate	2 Hours
Lay bricks below splash course	2 Bricklayers and Mate	1 Hours
Lay bricks for use in splash course	2 Bricklayers and Mate	2 Hours

Raft Foundation with Toe (Ring Beam)

Lay bricks for use in splash course	2 Bricklayers and Mate	5 Hours
Fix slab edge insulation	Bricklayer and Labourer	3 Hours

Oversite and slabbing

Lay and compact subbase on reduced levels and form concrete slab.

Material

Rear and Side Extension

Floor Screed (Screeding)

Perimeter insulation	Flooring Grade Polystyrene Insulation Sheet 2400 x 1200 x 25mm	.39 Sheet
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Raft Foundation with Toe (Ring Beam)

Sub-base to concrete slab	Sub Base MOT Type 1 Bulk Bag	5.8 Each
Sand blinding to slab	Building Sand Bulk Bag	1.5 Each
Concrete in slab and beams	R'mix Concrete RC 30, 50mm slump 6m3 (Allowance £110)	8.5 m ³
DPM to concrete slab	Polythene DPM Blue 300mu 4 x 25m PIFA (27.6kg)	.41 Each
Reinforcement to top of slab	Steel Fabric Reinforcement Mesh 4.8m x 2.4m A393	2.3 Each
Reinforcement to underside of slab	Steel Fabric Reinforcement Mesh 4.8m x 2.4m A393	4.4 Each
Additional reinforcement to perimeter beams	Allowance for Reinforcement	270 Each
Dowel bars	Allowance for Dowel Bars	6 m

Labour

Rear and Side Extension

Floor Screed (Screeding)

Fix Perimeter insulation	Groundworker and Labourer	1 Hours
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Raft Foundation with Toe (Ring Beam)

Fix dowel bars	Groundworker	3 Hours
Place and compact sub-base to slab	Groundworker and Labourer	2 Hours
Lay blinding	Groundworker and Labourer	2 Hours
Lay DPM to slab	Groundworker and Labourer	1 Hours
Fix additional edge beam reinforcement	Groundworker and Labourer	7 Hours
Fix bottom reinforcement	Groundworker and Labourer	4 Hours
Fix top reinforcement	Groundworker and Labourer	2 Hours
Place and compact concrete slab	Groundworker and Labourer	7 Hours
Tamp finish to concrete slab	Groundworker and Labourer	1 Hours

Plant

Rear and Side Extension

Raft Foundation with Toe (Ring Beam)

Removal of spoil from downstand beams	Skip 7m3 inc. Land Fill Tax	.81 Each
Excavator for preparation of slab	Mini Digger & Driver (8hr. day)	.25 Day
Plant delivery and collection	Delivery (10 to 15 Miles)	2 Each

Brickwork Shell

Construct facing brick in sand/cement mortar, leaving all joints with recessed finish. All openings around windows, doors etc. to be provided with vertical damp proof courses where required. Internal leaf to be formed in blockwork.

Material

Cloak

Crystal Direct PVCu Windows (Window 1)

Vertical DPC to sides of window	Pitch Polymer DPC 150mm x 20m	.07 Each
External/Combination lintel	Steel Lintel 100 mm Cavity x 1200mm	1 Each
Dummy frame timber	Sawn Softwood Kiln Dried 47.0 x 75mm	1.8 Metre
Cavity closure	Cavity Closer 100mm x 3m	1 Each

Extension

Wall Starters (Wall Join)

Wall starters	Wall Starter Stainless Steel 2.4M	2 Each
Sealant to wall connection	Polysulphide Sealant Brown	.4 Each
Allowance for sundries	Sundry Materials (£)	5 Each

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Vertical DPC	Pitch Polymer DPC 150mm x 20m	.23 Each
External/Combination lintel	Steel Lintel 100 mm Cavity x 2700mm	1 Each
Dummy frame timber	Sawn Softwood Kiln Dried 47.0 x 75mm	7.8 Metre
Cavity closure	Cavity Closer 100mm x 3m	2 Each

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Bricks above dpc less openings	Facing Bricks - Provisional (Allowance £0.90 each)	2673 Each
Blocks above dpc less openings	Insulation Block Standard 440 x 215 x 100mm	45 m ²
Cavity Insulation	Cavity Wall Insulation 100 x 455 x 1200mm 10 Sheets 5.46m ²	8.2 Each
Brick ties	Brickwork Tie DD140 Type 4 225mm	159 Each
DPC to brickwork	Pitch Polymer DPC 100mm x 20m	.95 Each
DPC to blockwork	Pitch Polymer DPC 100mm x 20m	.95 Each
Sand above dpc in brickwork	Building Sand Bulk Bag	2 Each
Sand above dpc in blockwork	Building Sand Bulk Bag	.64 Each
Cement above dpc in brickwork	Blue Circle Mastercrete Original Cement 25kg Bag	11 Each
Cement above dpc in blockwork	Blue Circle Mastercrete Original Cement 25kg Bag	3.7 Each

Lean To Roof (Roof)

Gable abutment (To abutment)	Cavity Tray Gable Abutment	5.3 Each
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Utility

Crystal Direct PVCu Windows (Window 2)

Vertical DPC to sides of window	Pitch Polymer DPC 150mm x 20m	.13 Each
External/Combination lintel	Steel Lintel 100 mm Cavity x 900mm	1 Each
Dummy frame timber	Sawn Softwood Kiln Dried 47.0 x 75mm	2.7 Metre
Cavity closure	Cavity Closer 100mm x 3m	1 Each

Labour

Cloak

Crystal Direct PVCu Windows (Window 1)

Form Dummy frame	Joiner	1 Hours
Form opening	Bricklayer	1 Hours
Fix vertical DPC/ Cavity closure	Bricklayer	1 Hours
Fix external lintel	Bricklayer	1 Hours
Additional tasks to include Fix preformed cavity tray	Bricklayer	1 Hours

Extension

Wall Starters (Wall Join)

Fit wall starters	Bricklayer	1 Hours
Apply sealant to wall connection	Bricklayer	2 Hours

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Form dummy frame	Joiner	1 Hours
Form opening	Bricklayer	1 Hours
Fix vertical DPC/ Cavity closure	Bricklayer	1 Hours
Fix external lintel	Bricklayer	1 Hours

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Lay bricks above dpc less openings	2 Bricklayers and Mate	23 Hours
Lay blocks above dpc less openings	2 Bricklayers and Mate	14 Hours
Fix cavity Insulation	2 Bricklayers and Mate	2 Hours

Lean To Roof (Roof)

Fix Lean to roof cavity tray	Bricklayer	27 Hours
Fix gable abutment (To abutment)	Bricklayer	2 Hours

Utility

Crystal Direct PVCu Windows (Window 2)

Form Dummy frame	Joiner	1 Hours
Form opening	Bricklayer	1 Hours
Fix vertical DPC/ Cavity closure	Bricklayer	1 Hours
Fix external lintel	Bricklayer	1 Hours
Additional tasks to include Fix preformed cavity tray	Bricklayer	1 Hours

Erect Scaffold

Erect scaffolding on site to provide access for our contractors. No allowance has been made to adapt the scaffolding for clients or their own contractors' requirements.

Subcontract Work

Rear and Side Extension

Scaffolding

Scaffold budget	Scaffolding contractor	510 Unit
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Subcontract Work

Rear and Side Extension

Scaffolding

Allowance for sundry costs	Sundry Costs	50 Each
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Roof Structure

Form roof structure including any fascias and bargeboards and associated guttering as described.

Material

Rear and Side Extension

Lean To Roof (Roof)

Lean to roof rafters	Sawn Dry Graded Structural Softwood Treated 47.0 x 150mm	77 Metre
Noggings between rafters	Sawn Softwood Kiln Dried Treated 47.0 x 50mm	28 Metre
Lean to roof gable ladder rafters	Sawn Dry Graded Structural Softwood Treated 47.0 x 150mm	15 Metre
Gable ladder noggings	Sawn Softwood Kiln Dried Treated 47.0 x 50mm	4.2 Metre
Soffit carriers	Sawn Batten Treated 25.0 x 38mm	7.5 Metre
Lean to roof eaves wall plate	Sawn Dry Graded Structural Softwood Treated 75.0 x 100mm	8.7 Metre
Lean to roof eaves wall plate fixings	Hammer in Fixing 8mm x 100mm (12 Bag)	1.7 Pack
Lean to roof apex wall plate	Sawn Dry Graded Structural Softwood Treated 47.0 x 150mm	8.7 Metre
Lean to roof apex wall plate fixings	Rawlbolt M12	17 Each
Lean to roof internal wall plate	Sawn Dry Graded Structural Softwood Treated 47.0 x 150mm	7.8 Metre
Lean to roof internal wall plate fixings	Rawlbolt M12	16 Each
Roof structure fixings (allowance)	Round Wire Nails Bright 100mm x 5kg	1.6 Each
Eaves fascia	White 175mm Square Fascia x 16mm x 5.0M	1.7 Each
Bargeboard	White 175mm Square Fascia x 16mm x 5.0M	1.5 Each
Bargeboard fixings	White 40mm Plastic top Nails	.15 Pack
Tilting fillets	Sawn Furring Treated 47.0 x 50mm (2 Pack)	13 Metre
Tilting fillet support board	Cement Soffit Strip 2400 x 150 x 4.5mm	3.6 Each
Eaves ventilator	Soffit Vent 2440mm (For 6-10mm soffit board)	3.7 Each
Eaves ventilator fixings	Wood Screws Steel CSK Twin Thread 6 x 0.75 inch (200 box)	.22 Box
Wallplate straps	Lateral Restraint Strap 30 x 5 x 1200mm bent at 150mmm	4 Each
Gable straps at joist level	Lateral Restraint Strap 30 x 5 x 1200mm bent at 150mmm	2 Each
Gable straps at verge level	Lateral Restraint Strap 30 x 5 x 1600mm bent at 100mmm	4 Each
Gable soffits (side 1)	White 400mm PVC Board x 9mm x 5.0M	.26 Each
Gable soffits (side 2)	White 400mm PVC Board x 9mm x 5.0M	.26 Each
Eaves soffits (side 1)	White 400mm PVC Board x 9mm x 5.0M	.87 Each
Soffit fixings	White 40mm Plastic top Nails	.22 Pack
Gutter	Half Round Gutter 4m x 112mm	2.2 Each
Down pipe	Half Round Downpipe 4m x 68mm	.63 Each
Stop ends	Half Round Gutter Stop End External 112mm	2 Each
Gutter unions	Half Round Gutter Union Bracket 112mm	2 Each
Gutter clips	Half Round Gutter Support Bracket 112mm	9 Each
Gutter outlet	Half Round Gutter Running Outlet 112mm	1 Each
Down pipe clips	Half Round Downpipe Saddle Bracket 68mm	3 Each
Swan necks	Half Round Downpipe Bend 67.5 deg 68mm	2 Each

Rear Extension

Velux Roof Windows (Roof Window)

Top and bottom trimmers	Regularised Joist Kiln Dried C16 Graded 47.0 x 150mm	2.4 Metre
Double rafters (trimmers)	Regularised Joist Kiln Dried C16 Graded 47.0 x 150mm	20 Metre
Window	Customer To Supply	2 Unit

Labour

Rear and Side Extension

Lean To Roof (Roof)

Fix Lean to roof rafters	Joiner + Mate	6 Hours
Fix noggings between rafters	Joiner	5 Hours
Fix Lean to roof gable ladder rafters	Joiner + Mate	2 Hours
Fix gable ladder noggings	Joiner	1 Hours
Fix tilting fillets	Joiner	2 Hours

Fix tilting fillet support board	Joiner	1 Hours
Fix soffit carriers	Joiner	1 Hours
Fix Lean to roof wall plate	Joiner	1 Hours
Fix Lean to roof apex wall plate	Joiner + Mate	2 Hours
Fix Lean to roof internal wall plate	Joiner + Mate	2 Hours
Fix eaves fascia	Joiner + Mate	1 Hours
Fix bargeboard	Joiner + Mate	1 Hours
Fix eaves ventilator	Joiner	2 Hours
Fix wallplate straps	Joiner	1 Hours
Fix gable straps at verge level	Joiner	1 Hours
Fix gutter	Joiner	2 Hours
Fix gable soffits (side 1)	Joiner	1 Hours
Fix gable soffits (side 2)	Joiner	1 Hours
Fix eaves soffits (side 1)	Joiner	2 Hours
Additional tasks to include Fix gable straps at joist level, Fix down Pipe	Joiner	1 Hours
<u>Rear Extension</u>		
Velux Roof Windows (Roof Window)		
Trim opening around roof light	Joiner + Mate	4 Hours
Additional tasks to include Fix window	Customer To Install	8 Unit

Roof Tiling

Lay roof covering.

Material

Rear and Side Extension

Lean To Roof (Roof)

Lathe	TREATED TIMBER 25X38MM	115 m
Lathe nails	Round Wire Nails Galvanised 25.00kg Box 2.65mm x 65mm	.08 Box
Roofing felt	RUBEROID RUBERSHIELD PRO BREATHER MEMBRANE 50M X 1.5M	.46 Reel
Tiles	MARLEY MODERN ROOFING TILE SMOOTH BROWN	313 Each
Tile Nails	Round Wire Nails Galvanised 25.00kg Box 2.65mm x 65mm	.05 Box
Lean to roof ridge tile or flashing	LEAD Flashing Code 4 - 3m x 300mm	2.9 Roll
Lean to roof cavity tray	Horizontal Cavity Tray 440mm	20 Each
Tile undercloak 1	Cement Soffit Strip 2400 x 150 x 4.5mm	1.5 Each
Tile undercloak 2	Cement Soffit Strip 2400 x 150 x 4.5mm	1.5 Each
Sand pointing/bedding to ridge	Building Sand Bulk Bag	.09 Each
Sand pointing/bedding to verge	Building Sand Bulk Bag	.07 Each
Cement in pointing/bedding to ridge	Blue Circle Mastercrete Original Cement 25kg Bag	1 Each
Cement pointing/bedding to verge	Blue Circle Mastercrete Original Cement 25kg Bag	.81 Each
Gable abutment (On roof)	LEAD Flashing Code 4 - 3m x 300mm	.67 Roll

Rear Extension

Velux Roof Windows (Roof Window)

Flashing kit for roof window	Customer To Supply	2 Unit
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Labour

Rear and Side Extension

Lean To Roof (Roof)

Fix tiles, felt and lathe.	3 Roof tilers + mate	8 Hours
Fix Lean to roof ridge tile or flashing	Roof tiler + mate	4 Hours
Fix gable abutment (On roof)	Roof tiler + mate	2 Hours
Additional tasks to include Fix verge tiles, Fix tile undercloak 1, Fix tile undercloak 2	Roof tiler	1 Hours

Rear Extension

Velux Roof Windows (Roof Window)

Cut roof tiles around roof light	Roof tiler + mate	4 Hours
Fix flashings around roof light	Roof tiler + mate	2 Hours

Structural Openings

Form structural openings.

Material

House

Structural Opening (Large Opening (3.6-4.2m))

Lintel Number 1	RSJ 178 x 102 x 19 kg per m	3.9 Metre
Lintel Number 2	RSJ 178 x 102 x 19 kg per m	3.9 Metre
Bricks to support steelwork	Engineering Brick - Class A Blue 65mm	12 Each
Padstones to support steelwork	Concrete Padstone 440x140x215mm	2 Each
Slates to pack steelwork	Natural Slate 400 x 250mm (Each) (Allowance £1.50)	4 Each
Noggings to steelwork	Sawn Softwood Kiln Dried Treated 47.0 x 50mm	3 Metre

Labour

House

Structural Opening (Large Opening (3.6-4.2m))

Remove spoil from structural opening	2 Bricklayers and Mate	2 Hours
Form opening	Bricklayer	10 Hours
Form opening	Bricklayers Labourer	10 Hours
Fix lintels	Bricklayer	4 Hours
Fix lintels	Bricklayers Labourer	4 Hours

Plant

House

Structural Opening (Large Opening (3.6-4.2m))

Plant to remove spoil from site	Skip 7m3 inc. Land Fill Tax	.59 Each
Plant for forming structural opening	Strongboy Masonry Support	6 Week
Plant for lifting steels	Genie Lift	1 Week
Additional tasks to include Plant for propping structural opening	Acrow Props 1, 2 & 3	6 Week
Additional tasks to include Plant for removing spoil from structural opening	Wheelbarrow	.5 Week
Additional tasks to include Plant for forming structural opening	Shovel	1 Week

Joinery 1st Fix

Form carcassing and first fix timbers.

Material

Cloak

Crystal Direct PVCu Windows (Window 1)

Window fixings to sides	Hammer in Fixing 8mm x 100mm (12 Bag)	.17 Pack
Window fixings to top and bottom	Wood Screws Steel CSK Twin Thread 10 x 3 inch (100 box)	.06 Box
Internal window board	Window Board 25 x 219mm	1 Metre
Fixings to window board	Wood Screws Steel CSK Twin Thread 10 x 3 inch (100 box)	.03 Box

Cloak and Utility

Stud Wall (Internal Walls)

Vertical studding	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	20 Metre
Horizontal rails (noggings)	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1.7 Metre
Head runner	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	3 Metre
Sole plate	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1.3 Metre
Nailing allowance to studding	Round Wire Nails Bright 100mm x 5kg	.36 Each

Old Cupboard Door

Stud Wall (Internal Walls 2)

Vertical studding	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	8.8 Metre
Horizontal rails (noggings)	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1.6 Metre
Head runner	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1 Metre
Sole plate	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1 Metre
Nailing allowance to studding	Round Wire Nails Bright 100mm x 5kg	.23 Each

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Door frame fixings to sides	Hammer in Fixing 8mm x 100mm (12 Bag)	.5 Pack
Door frame fixings to top and bottom	Wood Screws Steel CSK Twin Thread 10 x 3 inch (100 box)	.08 Box

Rear and Side Extension

Lean To Roof (Roof)

Insulation to rafters (layer 1)	Polyisocyanurate Insulation Board 2400 x 1200 x 100mm	8.4 Each
Insulation to rafters (layer 2)	Polyisocyanurate Insulation Board 2400 x 1200 x 50mm	8.4 Sheet
Stud Wall (Internal Walls 1)		
Vertical studding	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	8.8 Metre
Horizontal rails (noggings)	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1.6 Metre
Head runner	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1 Metre
Sole plate	Sawn Dry Graded Structural Softwood Treated 47.0 x 100mm	1 Metre
Nailing allowance to studding	Round Wire Nails Bright 100mm x 5kg	.23 Each
Rear Extension		
Velux Roof Windows (Roof Window)		
Window fixings to sides	Hammer in Fixing 8mm x 100mm (12 Bag)	1 Pack
Window fixings to top and bottom	Wood Screws Steel CSK Twin Thread 10 x 3 inch (100 box)	.12 Box
Utility		
Crystal Direct PVCu Windows (Window 2)		
Window fixings to sides	Hammer in Fixing 8mm x 100mm (12 Bag)	.5 Pack
Window fixings to top and bottom	Wood Screws Steel CSK Twin Thread 10 x 3 inch (100 box)	.04 Box
Internal window board	Window Board 25 x 219mm	.7 Metre
Fixings to window board	Wood Screws Steel CSK Twin Thread 10 x 3 inch (100 box)	.02 Box
Utility and Cloak		
Typical Panel Doors (864 Door into Studding)		
Door casing fixings to sides	Cut Clasp Nails 75mm x 25kg	
Door casing fixings	Cut Clasp Nails 75mm x 25kg	
Door casing	Unprimed 115 x 32mm Door Lining Set No Stops 5100mm	2 Each
Labour		
Cloak		
Crystal Direct PVCu Windows (Window 1)		
Fix internal window board	Joiner	1 Hours
Cloak and Utility		
Stud Wall (Internal Walls)		
Fix studding	Joiner + Mate	1 Hours
Fix horizontal rails (noggings)	Joiner + Mate	1 Hours
Additional tasks to include Fix head runner, Fix sole plate	Joiner + Mate	1 Hours
Living Room		
Composite Items (Form Opening Under Stairs)		
Form opening under the stairs	Joiner	2 Hours
Old Cupboard Door		
Stud Wall (Internal Walls 2)		
Fix studding	Joiner + Mate	1 Hours
Additional tasks to include Fix horizontal rails (noggings), Fix head runner, Fix sole plate	Joiner + Mate	1 Hours
Rear and Side Extension		
Lean To Roof (Roof)		
Fix insulation to sloping ceilings (layer 1)	Joiner	4 Hours
Fix insulation to sloping ceilings (layer 2)	Joiner	4 Hours
Stud Wall (Internal Walls 1)		
Fix studding	Joiner + Mate	1 Hours
Additional tasks to include Fix horizontal rails (noggings), Fix head runner, Fix sole plate	Joiner + Mate	1 Hours
Utility		
Crystal Direct PVCu Windows (Window 2)		
Additional tasks to include Fix internal window board	Joiner	1 Hours
Utility and Cloak		
Typical Panel Doors (864 Door into Studding)		
Fix door casing	Joiner	2 Hours

Plumb 1st Fix

Install all pipes and plumbing fittings as described.

Material

Heating System

Radiator Tails 15mm Copper (Radiator Tails)

Pipe	Copper Tube EN1057 15mm x 3M	24 m
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Kitchen

Gas Connections (Cooker Connection)

Gas to cooker connection	Cooker Hose with Straight Bayonet 4ft x 1/2 inch	1 Each
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Gas Connections (Hob Connection)

Copper to hob	Copper Tube EN1057 15mm x 3M	2 m
Fitting to hob	Copper End Feed Straight Tap Connector 15mm x 1/2 inch	1 Each

Labour

Heating System

Radiator Tails 15mm Copper (Radiator Tails)

Fit radiator tails	Plumber	12 Hours
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Kitchen

Gas Connections (Cooker Connection)

Fit connector	Gas Installer	2 Hours
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Gas Connections (Hob Connection)

Connect to hob	Gas Installer	2 Hours
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Subcontract Work

Rear and Side Extension

Gas Flue System (Provisional Sum)

Adjust Boiler Flue	Provisional Sum	200 Each
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Drains

Excavate for all drains and manholes. Lay drains and form manholes as required. Provide all necessary trench supports during installation of drainage.

Material

Drains

Inspection Chamber (900 Deep Inspection Chamber)

Concrete to manhole base	R'mix Concrete GEN 1, 125mm slump 2-3 m3 (Allowance £115)	.1 m ³
Inspection chamber	Universal M/H P/P Insp Chamber 940x100mm	1 Each
Inlet bends	Plastic Pipe Bend SS 11.25 deg 110mm	3 Each
Concrete surround to manhole	R'mix Concrete GEN 1, 125mm slump 2-3 m3 (Allowance £115)	.3 m ³
Manhole cover	Manhole Square Cover and Frame	1 Each

External Drainage

Drain Runs (Drain Run)

Pipe bedding	Pea Gravel Bulk Bag	2.1 Each
Pipe cover material	Pea Gravel Bulk Bag	2.1 Each
Pipe back fill material	Sub Base MOT Type 1 Bulk Bag	2.1 Each
Drainage pipe	Plastic Pipe Plain Ended 3m x 110mm	4 Each
Drainage pipe collars	Plastic Pipe Coupling DS 110mm	1 Each
87.5 Drainage bends	Plastic Pipe Bend DS 87.5 deg 110mm	2 Each

Wavin AquaCell Modular Soakaway (Soakaway)

Aquacell Eco	Wavin Aquacell Eco 500mm x 400mm x 1m	4 Each
Geotextile membrane	Geotextile Membrane Non-Woven 100m x 4.50m	.02 Each
Shingle backfill around soakaway	Pea Gravel Bulk Bag	1.1 Each
Tape for membrane	Geotextile Membrane Jointing Tape 50mm X 50m	1 Each

Labour

Drains

Inspection Chamber (900 Deep Inspection Chamber)

Construct manhole	Groundworker	6 Hours
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External Drainage

Drain Runs (Drain Run)

Backfill and compact drainage fill material	Groundworker and Labourer	1 Hours
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Lay drains	Groundworker and Labourer	1 Hours
Fix drainage bends and collars	Groundworker	1 Hours
Additional tasks to include Backfill and level bedding material, Backfill and level cover material	Groundworker and Labourer	1 Hours
Wavin AquaCell Modular Soakaway (Soakaway)		
Labour to install soakaway	Groundworker and Labourer	8 Hours

Plant

Drains

Inspection Chamber (900 Deep Inspection Chamber)

External Drainage

Drain Runs (Drain Run)

Removal of spoil from drains	20 Tonne Tipper & Driver inc. Land Fill Tax	.54 20 Tonne
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Wavin AquaCell Modular Soakaway (Soakaway)

Plant for plank and strut	Trench Sheets	6.2 Week
Plant for removal of spoil	Skip 7m3 inc. Land Fill Tax	.31 Each

Plastering

Apply plastering system to walls and ceilings.

Material

Cloak

Crystal Direct PVCu Windows (Window 1)

Reveal and cill plaster finish to window	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.09 Sheet
Window reveal & cill plaster fixing system / base coat	Plasterboard Adhesive 25kg	.03 Each
Window reveal and cill plaster joint treatment	Plasterboard Tape 50mm x 90m	.01 Each
Window reveal and cill finish to plaster	Board Finish Plaster 25kg	.02 Each
Window reveal corner bead	PVC Plastering Corner Bead 2.44m	.76 Each

Cloak and Utility

Stud Wall (Internal Walls)

Plasterboard to side 1 of stud wall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	1.3 Sheet
Plaster fixings to side 1 of stud wall	Gyproc Drywall Screws 42mm 1000 box	.04 Box
Plaster joint treatment to side 1 of stud wall	Plasterboard Tape 50mm x 90m	.07 Each
Finish to plaster to side 1 of stud wall	Board Finish Plaster 25kg	.32 Each
Insulation to stud wall	GP fibreglass insulation Roll 100mm 10.64m2	.34 Each
Plasterboard to side 2 of stud wall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	1.3 Sheet
Plaster fixings to side 2 of stud wall	Gyproc Drywall Screws 42mm 1000 box	.04 Box
Plaster joint treatment to side 2 of stud wall	Plasterboard Tape 50mm x 90m	.07 Each
Finish to plaster to side 2 of stud wall	Board Finish Plaster 25kg	.32 Each

House

Structural Opening (Large Opening (3.6-4.2m))

Reveal plaster finish to structural opening	Fire Protective Plasterboard Square Edge 1200 x 2400 x 12.5mm	.74 Sheet
Reveal plastering fixing system / basecoat to opening	Plasterboard Adhesive 25kg	.26 Each
Reveal plaster joint treatment structural opening	Plasterboard Tape 50mm x 90m	.04 Each
Reveal finish to plaster structural opening	Board Finish Plaster 25kg	.19 Each
Corner Bead to structural opening reveal	PVC Plastering Corner Bead 2.44m	6.6 Each

Old Cupboard Door

Stud Wall (Internal Walls 2)

Plasterboard to side 1 of stud wall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.81 Sheet
Plaster fixings to side 1 of stud wall	Gyproc Drywall Screws 42mm 1000 box	.02 Box
Plaster joint treatment to side 1 of stud wall	Plasterboard Tape 50mm x 90m	.05 Each
Finish to plaster to side 1 of stud wall	Board Finish Plaster 25kg	.2 Each
Insulation to stud wall	GP fibreglass insulation Roll 100mm 10.64m2	.22 Each
Plasterboard to side 2 of stud wall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.81 Sheet
Plaster fixings to side 2 of stud wall	Gyproc Drywall Screws 42mm 1000 box	.02 Box
Plaster joint treatment to side 2 of stud wall	Plasterboard Tape 50mm x 90m	.05 Each
Finish to plaster to side 2 of stud wall	Board Finish Plaster 25kg	.2 Each

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Reveal and cill plaster finish	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.34 Sheet
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Reveal and cill plastering fixing system / basecoat	Plasterboard Adhesive 25kg	.12 Each
Reveal and cill plaster joint treatment	Plasterboard Tape 50mm x 90m	.02 Each
Reveal and cill finish to plaster	Board Finish Plaster 25kg	.09 Each
Corner Bead	PVC Plastering Corner Bead 2.44m	2.8 Each

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Plaster finish to walls	Board Finish Plaster 25kg	3.7 Each
Plastering to inner blockwall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	14 Sheet
Wall plastering fixing system / basecoat	Plasterboard Adhesive 25kg	4.9 Each
Wall plastering joint treatment	Plasterboard Tape 50mm x 90m	.82 Each

Encasing to Fabricated Steel Beam (Steel Beam)

Plaster finish to attic steelwork	Fire Protective Plasterboard Square Edge 1200 x 2400 x 12.5mm	1.2 Sheet
Plastering fixing system to steelwork	Plasterboard Adhesive 25kg	.42 Each
Plaster joint treatment attic steelwork	Plasterboard Tape 50mm x 90m	.07 Each
Finish to plaster to attic steelwork	Board Finish Plaster 25kg	.31 Each
Corner bead to attic steelwork	PVC Plastering Corner Bead 2.44m	4.2 Each

Floor Screed (Screeding)

Floor screed sand	Sharp Sand Bulk Bag	3.3 Each
Floor screed cement	Blue Circle Mastercrete Original Cement 25kg Bag	23 Each

Lean To Roof (Roof)

Plasterboard to sloping ceilings	Plasterboard Square Edge 1200 x 2400 x 12.5mm	7.8 Sheet
Plasterboard fixings for sloping ceilings	Drywall Timber Screws 60mm 500 box	.45 Box
Plasterboard joint treatment for sloping ceilings	Plasterboard Tape 50mm x 90m	.45 Each
Finish to plasterboard for sloping ceilings	Board Finish Plaster 25kg	2 Each

Stud Wall (Internal Walls 1)

Plasterboard to side 1 of stud wall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.81 Sheet
Plaster fixings to side 1 of stud wall	Gyproc Drywall Screws 42mm 1000 box	.02 Box
Plaster joint treatment to side 1 of stud wall	Plasterboard Tape 50mm x 90m	.05 Each
Finish to plaster to side 1 of stud wall	Board Finish Plaster 25kg	.2 Each
Insulation to stud wall	GP fibreglass insulation Roll 100mm 10.64m2	.22 Each
Plasterboard to side 2 of stud wall	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.81 Sheet
Plaster fixings to side 2 of stud wall	Gyproc Drywall Screws 42mm 1000 box	.02 Box
Plaster joint treatment to side 2 of stud wall	Plasterboard Tape 50mm x 90m	.05 Each
Finish to plaster to side 2 of stud wall	Board Finish Plaster 25kg	.2 Each

Rear Extension

Velux Roof Windows (Roof Window)

Reveal and cill plaster finish to window	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.56 Sheet
Window reveal & cill plaster fixing system / base coat	Plasterboard Adhesive 25kg	.19 Each
Window reveal and cill plaster joint treatment	Plasterboard Tape 50mm x 90m	.03 Each
Window reveal and cill finish to plaster	Board Finish Plaster 25kg	.14 Each
Window reveal corner bead	PVC Plastering Corner Bead 2.44m	3.4 Each

Utility

Crystal Direct PVCu Windows (Window 2)

Reveal and cill plaster finish to window	Plasterboard Square Edge 1200 x 2400 x 12.5mm	.14 Sheet
Window reveal & cill plaster fixing system / base coat	Plasterboard Adhesive 25kg	.05 Each
Window reveal and cill plaster joint treatment	Plasterboard Tape 50mm x 90m	.01 Each
Window reveal and cill finish to plaster	Board Finish Plaster 25kg	.04 Each
Window reveal corner bead	PVC Plastering Corner Bead 2.44m	1.1 Each

Labour

Cloak

Crystal Direct PVCu Windows (Window 1)

Additional tasks to include Fix window reveal and cill plastering, Apply window reveal and cill finish to plaster	2 Plasterers and 1 Plasterers Mate	1 Hours
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Cloak and Utility

Stud Wall (Internal Walls)

Fix plasterboard to side 1	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to plaster to side 1	2 Plasterers and 1 Plasterers Mate	1 Hours
Fix plasterboard to side 2	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to plaster to side 2	2 Plasterers and 1 Plasterers Mate	1 Hours
Additional tasks to include Fix insulation	Plasterers Mate	1 Hours

House

Structural Opening (Large Opening (3.6-4.2m))

Fix structural opening reveal plaster	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to structural opening reveal plaster	2 Plasterers and 1 Plasterers Mate	1 Hours

Old Cupboard Door

Stud Wall (Internal Walls 2)

Fix plasterboard to side 1	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to plaster to side 1	2 Plasterers and 1 Plasterers Mate	1 Hours
Fix plasterboard to side 2	2 Plasterers and 1 Plasterers Mate	1 Hours

Apply finish to plaster to side 2	2 Plasterers and 1 Plasterers Mate	1 Hours
Additional tasks to include Fix insulation	Plasterers Mate	1 Hours

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Fix reveal and cill plastering	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply reveal and cill finish to plaster	2 Plasterers and 1 Plasterers Mate	1 Hours

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Fix/apply plastering to walls	2 Plasterers and 1 Plasterers Mate	5 Hours
Apply finish to wall plastering	2 Plasterers and 1 Plasterers Mate	6 Hours

Encasing to Fabricated Steel Beam (Steel Beam)

Fix attic steelwork plaster	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to attic steelwork plaster	2 Plasterers and 1 Plasterers Mate	1 Hours

Floor Screed (Screeding)

Lay floor screed	2 Plasterers and 1 Plasterers Mate	6 Hours
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Lean To Roof (Roof)

Fix plasterboard to sloping ceilings	2 Plasterers and 1 Plasterers Mate	2 Hours
Apply finish to ceiling plaster to sloping ceiling	2 Plasterers and 1 Plasterers Mate	4 Hours

Stud Wall (Internal Walls 1)

Fix plasterboard to side 1	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to plaster to side 1	2 Plasterers and 1 Plasterers Mate	1 Hours
Fix plasterboard to side 2	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply finish to plaster to side 2	2 Plasterers and 1 Plasterers Mate	1 Hours
Additional tasks to include Fix insulation	Plasterers Mate	1 Hours

Rear Extension

Velux Roof Windows (Roof Window)

Fix window reveal and cill plastering	2 Plasterers and 1 Plasterers Mate	1 Hours
Apply window reveal and cill finish to plaster	2 Plasterers and 1 Plasterers Mate	1 Hours

Utility

Crystal Direct PVCu Windows (Window 2)

Additional tasks to include Fix window reveal and cill plastering, Apply window reveal and cill finish to plaster	2 Plasterers and 1 Plasterers Mate	1 Hours
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Plant

Rear and Side Extension

Floor Screed (Screeding)

Screed pump	Screed pump	.2 Week
Screed mixer	Pan Mixer - Diesel	.2 Week

Internal Fitting Out

Fix internal fixtures and fittings as described.

Material

Utility

Utility Room Fitting Out (Utility Room)

Utility Room	General Screw and Nail allowance	10 Each
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Labour

Kitchen

Fitted Kitchen

Fit Kitchen	Joiner + Mate	40 Hours
Fit and test appliances	Specialist Fitter	8 Hours

Utility

Utility Room Fitting Out (Utility Room)

Utility Room	Joiner	8 Hours
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Joinery 2nd Fix

Fix doors and windows, fixtures and fittings.

Material

Cloak

Crystal Direct PVCu Windows (Window 1)

Sealant to sides and top of window Silicone Sealant White 0.31 Litre .08 Each

Cloak and Utility

Stud Wall (Internal Walls)

Skirting board side 1 of stud wall Skirting Torus/Ovolo 19 x 125mm (Redwood) 1.3 Metre
Skirting board side 2 of stud wall Skirting Torus/Ovolo 19 x 125mm (Redwood) 1.3 Metre

Old Cupboard Door

Stud Wall (Internal Walls 2)

Skirting board side 1 of stud wall Skirting Torus/Ovolo 19 x 125mm (Redwood) 1 Metre
Skirting board side 2 of stud wall Skirting Torus/Ovolo 19 x 125mm (Redwood) 1 Metre

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Sealant Silicone Sealant White 0.31 Litre .27 Each
Door Customer To Supply 1 Unit

Rear and Side Extension

Brick and Block Cavity Wall (External Walls 1)

Skirting boards Skirting Torus/Ovolo 19 x 125mm (Redwood) 19 Metre
Fixings to skirtings Cut Clasp Nails 65mm x 25kg .03 Box

Stud Wall (Internal Walls 1)

Skirting board side 1 of stud wall Skirting Torus/Ovolo 19 x 125mm (Redwood) 1 Metre
Skirting board side 2 of stud wall Skirting Torus/Ovolo 19 x 125mm (Redwood) 1 Metre

Utility

Crystal Direct PVCu Windows (Window 2)

Sealant to sides and top of window Silicone Sealant White 0.31 Litre .1 Each

Utility and Cloak

Typical Panel Doors (864 Door into Studding)

Architrave Skirting Burford Contemporary Architrave 75mm x W14.5mm 20 m
Fixings to architrave Panel Pins Bright 40mm x 0.25kg .8 Each
Door Internal Door 6 Panel Textured Undercoated 864 x 1981mm 2 Each
Door furniture Georgian Brass Internal Latch Pack 2 Each
Hinges Butt Hinge Brassed 76mm 3 Pair

Labour

Cloak

Crystal Direct PVCu Windows (Window 1)

Additional tasks to include Apply sealant to sides and top of window Joiner 1 Hours

Cloak and Utility

Stud Wall (Internal Walls)

Additional tasks to include Fix skirting board to side 1, Fix skirting board to side 2 Joiners Mate 1 Hours

Old Cupboard Door

Stud Wall (Internal Walls 2)

Additional tasks to include Fix skirting board to side 1, Fix skirting board to side 2 Joiners Mate 1 Hours

Rear

Bi-fold Patio Doors Aluminium (Bi-fold 2400x2100 3 Panel)

Additional tasks to include Apply sealant Joiner 1 Hours

Additional tasks to include Hang door	Customer To Install	5 Unit
<u>Rear and Side Extension</u>		
Brick and Block Cavity Wall (External Walls 1)		
Fix skirting boards	Joiners Mate	5 Hours
Stud Wall (Internal Walls 1)		
Additional tasks to include Fix skirting board to side 1, Fix skirting board to side 2	Joiners Mate	1 Hours
<u>Utility</u>		
Crystal Direct PVCu Windows (Window 2)		
Additional tasks to include Apply sealant to sides and top of window	Joiner	1 Hours
<u>Utility and Cloak</u>		
Typical Panel Doors (864 Door into Studding)		
Fix architrave	Joiners Mate	4 Hours
Hang door	Joiner	2 Hours
Fix door furniture	Joiner	2 Hours

Plumb 2nd Fix

Plumb in fixtures and fittings as described.

Material

Cloak

Bathroom and Cloaks (Fitting Out)

Allowance for screws and fixings	Sundry Materials (£)	100 Each
Silicon sealant	No Nonsense Sanitary Silicone 310ml	1 Each
Basin Trap	Standard Bottle Trap Chrome	1 Each
WC Pan Connector	WC Connector 2.5deg 110mm	1 Each
Valves for WC	Chrome Isolating Ball Valve Copper x Copper 15mm	2 Each

Towel Rail Straight (400 x 700 Chrome)

Radiator inc fittings	Straight Towel Warmer Chrome 400mm x 700mm	1 Each
Screws for fittings	Wood Screws Steel CSK Twin Thread 8 x 2.5 inch (200 box)	.02 Box
Plugs for screws	Brown Wall Plugs (100 box)	.04 Each

Dining Room

K2 Double Panel Radiator 600 Deep (K2 600 x 1600 Radiator)

Radiator inc brackets	K2 Radiator 600mm x 1600mm	1 Each
Screws for brackets	Wood Screws Steel CSK Twin Thread 8 x 2.5 inch (200 box)	.02 Box
Plugs for screws	Brown Wall Plugs (100 box)	.04 Each

Heating System

Radiator Tails 15mm Copper (Radiator Tails)

Thermostatic valves	Copper Thermostatic Radiator Valve 15mm x 1/2 inch	2 Each
Lockshield valves	Copper Wheelhead/Lockshield Valve 15mm x 1/2 inch	1 Each
Drain lockshield valves	Copper Drain Lockshield Valve 15mm x 1/2 inch	3 Each

Utility

K1 Single Panel Radiator 400 Deep (K1 400 x 500 Radiator)

Radiator inc brackets	K1 Radiator 400mm x 500mm	1 Each
Screws for brackets	Wood Screws Steel CSK Twin Thread 8 x 2.5 inch (200 box)	.02 Box
Plugs for screws	Brown Wall Plugs (100 box)	.04 Each

Labour

Cloak

Bathroom and Cloaks (Fitting Out)

Fit basin and connect waste	Plumber	3 Hours
Fit WC and connect waste	Plumber	3 Hours

Towel Rail Straight (400 x 700 Chrome)

Fix fittings and hang radiator	Plumber	1 Hours
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Dining Room

K2 Double Panel Radiator 600 Deep (K2 600 x 1600 Radiator)

Fix brackets and hang radiator	Plumber	1 Hours
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Heating System

Radiator Tails 15mm Copper (Radiator Tails)

Fit thermostatic valve	Plumber	1 Hours
Fit drain lockshield valve	Plumber	1 Hours
Additional tasks to include Fit lockshield valve	Plumber	1 Hours

Utility

K1 Single Panel Radiator 400 Deep (K1 400 x 500 Radiator)

Fix brackets and hang radiator	Plumber	1 Hours
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Total Cost Excluding VAT	£44,821.98
Total VAT	£8,964.40
Total Cost Including VAT	£53,786.37

Acceptance of Estimate/Variation

Reference: Rear Extension (Estimate dated Saturday, 05 January 2019)

Sample
5 Roper Road
Teynham
Sittingbourne
Kent

Site address:
5 Roper Road
Teynham
Sittingbourne
Kent

Please carry out the building works itemised in the Estimate defined above, dated Saturday, 05 January 2019 to the value of:

Total Cost Excluding VAT	£44,821.98
Total VAT	£8,964.40
Total Cost Including VAT	£53,786.37

Signed Sample

Date/...../20.....

Signed on behalf of Tamway Construction Ltd

Date/...../20.....

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