



Llywodraeth Cynulliad Cymru
Welsh Assembly Government



Appendix 1: Examples of Palette Structure

- Roofing
- External Walls
- Internal Walls

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF</u>					
	<u>STRUCTURAL / CARCASSING METAL / TIMBER</u>					
	<u>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING</u>					
	<u>Sawn softwood</u>					
	Joists					
a	4900mm span, 50 x 200, fixed with straps		Nr			
b	6000mm span, 50 x 200, fixed with straps		Nr			
c	8400mm span, 50 x 200, fixed with straps		Nr			
	Plates					
d	100 x 75mm, screwed to masonry		m			
e	200 x 50mm, screwed to masonry		m			
	Pitched roof members					
f	50 x 50mm battens screwed to joists at 300 centres		m			
g	200 x 50mm screwed to noggins		m			
h	220 x 69 Kerto 'S' rafter, screwing at 400 centres		m			
j	200 x 50mm, screwing at 300 centres		m			
	Individual supports					
k	Noggins 63 x 63 mm		m			
l	Wall plate 150 x 75 mm C16		m			
	<u>Wrot softwood</u>					
	Flat roof members					
	Structural softwood timber joists					
m	175 x 50 mm		m			
n	200 x 50 mm		m			
	Ungraded softwood timber firings					
p	100 x 50 mm (max)		m			
Page : 1/1		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>STRUCTURAL / CARCASSING METAL / TIMBER (Cont'd)</u>					
	<u>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING (Cont'd)</u>					
	Individual supports					
	Softwood battens					
a	75 x 25mm		m			
b	75 x 50mm		m			
c	75 x 75mm		m			
d	144 x 75mm		m			
	Structural softwood timber packer					
e	100 x 50 mm		m			
f	140 x 50 mm		m			
g	150 x 75 mm		m			
	Fascia boards					
h	300mm wide		m			
j	750mm wide		m			
	Swish bullnose fascia twice screwed to truss rafters and timber support frame using capped screws including joint and corner trims as manufacturers instructions.					
k	300 x 25mm		m			
	Soffit boards					
l	450mm wide Gee Pee unvented soffit boards fixed to timber bearers using capped screws including joint and corner trims as manufacturers instructions.		m			
	<u>Plywood</u>					
	Flat roof members					
	18mm thick non structural ply to roof decking, drilling and screwing at 400 mm centres					
m	Over 300 mm wide		m			
Page : 1/2		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>STRUCTURAL / CARCASSING METAL / TIMBER (Cont'd)</u>					
	<u>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING (Cont'd)</u>					
	Pitched roof members					
	12.5mm plywood decking to trusses, drilling and screwing at 400 mm centres					
a	Over 300 mm wide		m2			
	Roof decking					
	24mm thick exterior quality plywood, drilling and screwing at 400 mm centres					
b	Over 300 mm wide		m2			
	Fascia boards					
	18mm thick external grade plywood, drilling and screwing at 400 mm centres					
c	Over 300 mm wide		m2			
	Soffit boards					
	18mm thick external grade plywood, drilling and screwing at 400 mm centres					
d	Over 300 mm wide		m2			
	18mm thick external grade plywood					
e	Over 300 wide		m2			
Page : 1/3		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>STRUCTURAL / CARCASSING METAL / TIMBER (Cont'd)</u>					
	<u>G30 METAL PROFILED SHEET DECKING</u>					
	Steel					
	Decking					
	Euroclad Steel Lining, Z275 Galvatite hot-dip zinc coated steel to BS EN 10147:1992, fixed to purlins at max centres of 2100mm					
a	Nominal metal thickness 0.7 mm		m2			
	Kalzip structural decking sheet Kal-Deck KD113S to BS EN 10147:1992, fixed to purlins at max centres of 1900mm					
b	Nominal metal thickness 0.7 mm		m2			
	Tileform UK,Tactray 90 Structural Metal Tray Lining System, to BS 5250: 1989, Standard galvanized finish, Factory fitted 50 x 50 mm timber counterbattens and 140 mm TacMat 140 Plus insulation					
c	Nominal metal thickness 0.75 mm		m2			
Page : 1/4		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<p><u>ROOF (Cont'd)</u></p> <p><u>CLADDING / COVERING</u></p> <p><u>H10 PATENT GLAZING</u></p> <p><u>Pilkington Optifloat T Plus</u></p> <p>Roof areas</p> <p>Pilkington Optifloat T Plus toughend heat soaked glass, extruded aluminium alloy glazing bars at 600mm centres, double glazed units, clear float outer pane, clear laminated glass inner pane to BS 6206, Class 6</p>					
a	Single tier		m2			
Page : 1/5		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<p><u>ROOF (Cont'd)</u></p> <p><u>CLADDING / COVERING (Cont'd)</u></p> <p><u>H31 METAL PROFILED SHEET CLADDING/COVERING/SIDING</u></p> <p>Roof coverings</p> <p>Curved eaves bargeboards and soffits; to roof perimeter</p> <p>Bailey polyester powder coated aluminium fascia, bargeboard and soffit system</p>					
a	1200mm projection, to include all supports and fixings		m			
	<p>Flashings</p> <p>Flashing at perimeter of Kalzip roof</p>					
b	100mm girth		m			
c	350mm girth		m			
d	400mm girth		m			
e	600mm girth		m			
	<p><u>Kalzip Standing Seam Roofing</u></p> <p>Roof coverings</p> <p>Metal Kalzip roof cladding; 65/400 profile composite roofing system comprising Aluminium standing seam cladding, Thermal insulation, vapour control layer, lining sheets, purlins and accessories</p>					
f	Pitch 25 degrees		m2			
	<p>Roof coverings</p> <p>Polyester powder coated secret fixed profile aluminium soffit; including integral hangers</p>					
g	Pitch 8 degrees		m2			
h	Pitch 10 degrees		m2			
Page : 1/6		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>CLADDING / COVERING (Cont'd)</u>					
	<u>H31 METAL PROFILED SHEET CLADDING/COVERING/SIDING (Cont'd)</u>					
	<u>Aluminium soffit</u>					
	Eaves					
	Alumasc Skyline secret fix aluminium modular planking system & supporting framework					
a	Horizontal soffits, fixing to steel rails at 1500 centres		m2			
	<u>Insulated metal roof</u>					
	Roof coverings					
	Euroclad Euroseam ESA400 outer sheet and mineral wool insulation 185 mm thick					
b	Pitch 7.5 degrees		m2			
	<u>Rigidal Standing Seam Roofing</u>					
	Roof coverings					
	Rigidal Ziplok 400, Stucco embossed plain milled on mineral wool thermal insulation 176mm thick to BS EN 13162					
c	Pitch 10 degrees		m2			
	<u>Standing seam roof</u>					
	Roof coverings					
	Kalzip 65/400 external sheet, Kingspan kooltherm board insulation, Kalzip VCL Clear vapour control membrane and 0.7mm Kalzip Deck KSD113S					
d	Pitch 8 degrees		m2			
e	Pitch 10 degrees		m2			
Page : 1/7		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>CLADDING / COVERING (Cont'd)</u>					
	<u>H60 PLAIN ROOF TILING</u>					
	<u>Kingspan rooftile insulated panel system</u>					
	Roof coverings					
	Kingspan rooftile insulated panel system, KS1000 RT, Comprising insulated panel, 45mm insulation, total thickness 85mm					
a	Pitch 15 degrees		m2			
Page : 1/8		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u> <u>CLADDING / COVERING (Cont'd)</u> <u>H61 FIBRE CEMENT SLATING</u> Roof coverings 600 x 300mm Blue / Black fibre cement slates, 110mm. headlap, Roofing felt To BS 4016, each slate secured with 2 No copper nails 2.65mm x 30mm and 1 No copper rivet.					
a	Pitch 30 degrees		m2			
Page : 1/9		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u> <u>CLADDING / COVERING (Cont'd)</u> <u>H65 SINGLE LAP ROOF TILING</u> <u>Marley Wessex Concrete Roofing Tile</u> Roof coverings Tyvek Supro underlay, 50 x 50mm counterbattens and 50 x 25mm battens					
a	Pitch 15 degrees		m2			
	<u>Metal single lap roof tiling</u> Roof coverings Britmet Tileform Ltd, Slate 2000, grey, fixed to 50 x 38mm battens and 50 x 25mm counterbattens, on Tyvek Supro Breather membrane					
b	Pitch 12 degrees		m2			
c	Pitch 30 degrees		m2			
Page : 1/10		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>CLADDING / COVERING (Cont'd)</u>					
	<u>H71 LEAD SHEET COVERINGS/FLASHINGS</u>					
	<u>Lead sheet roof</u>					
	Roof coverings					
a	Pitch 10 degrees, 2-2.5mm thick, code 5, including 25mm thick external quality plywood underlay		m2			
Page : 1/11		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>WATERPROOFING</u>					
	<u>J42 SINGLE LAYER PLASTICS ROOF COVERINGS</u>					
	<u>PVC-P membrane</u>					
	Roof coverings					
	Fatra Fatrafol 810, mechanically attached using Structa fixing discs and fixings recommended by Fatra Ltd, 50mm laps to be hot-air welded then sealed with PVC liquid sealant, light grey RAL 7040					
a	Level and to falls, 1.5mm thick		m2			
	<u>Warm roof covering</u>					
	Roof coverings					
	Trocal S single ply membrane 2 mm thick, solvent welded joints, mechanically fixed, Kingspan TT45 Thermataper tapered insulation boards 150 - 100, Corus C30 profiled structural decking, fastners and vapour control layer					
b	Horizontal, fixing to steel purlins at 1200 centres		m2			
c	Pitch 8 degrees, fixing to steel purlins at 1200 centres		m2			
d	Pitch 10 degrees, fixing to steel purlins at 1200 centres		m2			
Page : 1/12		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>LININGS / SHEATHING / DRY PARTITIONING</u>					
	<u>K11 RIGID SHEET FLOORING/SHEATHING/LININGS/CASINGS</u>					
	<u>Plywood</u>					
	Roofs					
	Exterior quality ply; 24mm thick; including 50 x 25mm softwood battens					
a	Over 300 wide		m2			
Page : 1/13		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>WINDOWS / DOORS / STAIRS</u>					
	<u>L10 WINDOWS/ROOFLIGHTS/SCREENS/LOUVRES</u>					
	<u>Wrot softwood</u>					
	Roof lights skylights roof windows and frames					
	Velux GGL 307321U, Centre pivot, laminated inner, toughened outer pane, clean and clear coating, 35 dB, 1.4 W/m2K U-value					
a	660 mm x 1180 mm		Nr			
b	780 mm x 980 mm		Nr			
c	780 mm x 1400 mm		Nr			
	<u>Aluminium</u>					
	Roof lights skylights roof windows and frames					
	Velux flexible sun tunnel, TWF 0142010, up to 2 metre length					
d	460mm dia		Nr			
	Monodraught sunpipe system					
e	300 diameter, with drop of between 500 and 2000mm between roof and ceiling, and adjustable elbow to match pitch of roof, including 100mm high, 25mm thick metal insulated upstand		Nr			
f	450 diameter, with drop 3440mm between roof and ceiling, and adjustable elbow to match pitch of roof, including 100mm high, 25mm thick metal insulated upstand		Nr			
g	450 diameter, with drop 4000mm between roof and ceiling, and adjustable elbow to match pitch of roof, including 100mm high, 25mm thick metal insulated upstand		Nr			
h	450 diameter, with drop of between 500 and 2700mm between roof and ceiling, and adjustable elbow to match pitch of room, including 100mm high, 25mm thick metal insulated upstand		Nr			
Page : 1/14		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>BUILDING FABRIC SUNDRIES</u>					
	<u>P10 SUNDRY INSULATION/PROOFING WORK/FIRE STOPS</u>					
	<u>Building paper and sheets</u>					
	Plain areas					
a	Horizontal 150mm laps		m2			
	Polythene sheet vapour control membrane					
b	25 degree pitch		m2			
c	Horizontal		m2			
	<u>Mat or quilt insulation</u>					
	Between members					
	200mm thick					
d	10 degree pitch		m2			
e	25 degree pitch		m2			
f	Horizontal		m2			
	Loose laid insulation to fill voids between structure at eaves					
g	To soffit, 25mm thick		m2			
h	To soffit, 110mm thick		m2			
	<u>Board or slab insulation</u>					
	Plain areas					
	Celotex PIR insulation to acheive U-value of 0.18 w/m2K, 130mm thick					
j	Horizontal		m2			
	Kingspan board insulation, 50mm thick					
k	Horizontal		m2			
	Kingspan board insulation, 120mm thick					
l	Horizontal		m2			
Page : 1/15		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>BUILDING FABRIC SUNDRIES (Cont'd)</u>					
	<u>P10 SUNDRY INSULATION/PROOFING WORK/FIRE STOPS (Cont'd)</u>					
	Between members					
	Jablite Premium TacTray 90, 130 mm thick					
a	Horizontal		m2			
	<u>Quilts</u>					
	Mineral wool thermal insulation					
b	200 mm thick, Plain areas, Pitch 25 degrees		m2			
Page : 1/16		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>PAVING / PLANTING / FENCING / SITE FURNITURE</u>					
	<u>Q37 GREEN ROOFS</u>					
	<u>Extensive Green Roof</u>					
	General surfaces					
a	Liquid Plastics, Biodrain system, beneath sedum green roof.		m2			
b	Sedum Green roof to include Ballast & Retaining Kerb to edges.		m2			
	<u>Sedum roof</u>					
	40 mm depth expanded shale substrate, pumice and organic compost substrate, 40kg/m2 dry, 48kg/m2 wet, sedum blanket 25-40mm thick, 70 - 90% pre grown planter coir blanket, 6-8 standard species, 10 no additional native broad leaved species to be plug planted.					
c	3 degree pitch		m2			
Page : 1/17		To Bill Summary				

Roof

Ref	Description	Qty	Unit	Rate	£	P
	<u>ROOF (Cont'd)</u>					
	<u>DISPOSAL SYSTEMS</u>					
	<u>R10 RAINWATER PIPEWORK/GUTTERS</u>					
	<u>Stainless Steel pipework</u>					
	Pipes fixed to timber posts with stainless steel screws and brackets at max 1800 mm vertical centres					
a	65mm nominal size		m			
	<u>Aluminium pipework</u>					
	Pipes					
	Alumasc Guardian security pipe, HSP/S44/2MA, polyester powder coated from standard colour range					
b	100mm square nominal size		m			
	<u>Aluminium gutters</u>					
	Box gutters					
	Alumasc Contemporary Gutter System GX, GXR3/3MA, polyester powder coated from standard colour range					
c	152 x 102 mm		m			
	Half round gutters					
	Alumasc Heritage Gutter System flush jointed, cast, plain mill aluminium finish					
d	113 mm		m			
Page : 1/18		To Bill Summary				

Roof

Ref	Description				£	P
	BILL SUMMARY					
	Page : 1/1					
	Page : 1/2					
	Page : 1/3					
	Page : 1/4					
	Page : 1/5					
	Page : 1/6					
	Page : 1/7					
	Page : 1/8					
	Page : 1/9					
	Page : 1/10					
	Page : 1/11					
	Page : 1/12					
	Page : 1/13					
	Page : 1/14					
	Page : 1/15					
	Page : 1/16					
	Page : 1/17					
	Page : 1/18					
Page : 1/19		To Grand Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	EXTERNAL WALLS					
	MASONRY					
	F10 BRICK/BLOCK WALLING					
	Engineering brickwork					
	Walls					
	Engineering brickwork with crushing strength of 75 N/mm ² , Class A, Stretcher bond in gauged mortar, To BS 3921					
a	102.5 mm thick		m2			
	Common brickwork					
	Walls					
	Common brickwork with crushing strength of 28 N/mm ² , Stretcher bond in gauged mortar, flush joints, to BS EN 771-1.					
b	102.5 mm thick		m2			
	Facing brickwork					
	Walls					
	Face brickwork with crushing strength of 7N/mm ² bonded with 1:1:6 Mortar (PC £450 per 1000)					
c	102.5 mm thick		m2			
	Blockwork					
	Walls					
	Common blockwork, Crushing strength of 2.9 N/mm ² in 1:1:6 cement, lime and sand mortar					
d	215 mm thick		m2			
	Dense blockwork, BS 60- 1, 7N/mm ² , stretcher bond in mortar class 6					
e	100 mm thick		m2			
f	140 mm thick		m2			
g	200 mm thick		m2			
Page : 1/1		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	EXTERNAL WALLS (Cont'd)					
	MASONRY (Cont'd)					
	F10 BRICK/BLOCK WALLING (Cont'd)					
	Fairface dense blockwork, BS 60- 1, 7N/mm ² , stretcher bond in mortar class 6					
a	100 mm thick, facing one side		m2			
b	140 mm thick, facing one side		m2			
c	200 mm thick, facing one side		m2			
	Insulating blockwork, Thermalite Hi Strength 7 in 1:1:6 cement, lime and sand mortar					
d	100 mm thick		m2			
e	140 mm thick		m2			
f	150 mm thick		m2			
Page : 1/2		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u>					
	<u>MASONRY (Cont'd)</u>					
	<u>F21 NATURAL STONE ASHLAR WALLING/DRESSINGS</u>					
	<u>Stonework</u>					
	<u>Walls</u>					
	Natural stone ashlar walls, Limestone, Blue Grey Lias, cement, lime & sand mortar 1:2:9					
a	100 mm thick, faced one side		m2			
Page : 1/3		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u>					
	<u>MASONRY (Cont'd)</u>					
	<u>F30 ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/STONE WALLING</u>					
	<u>Sundries</u>					
	<u>Forming cavities in hollow walls</u>					
	Ancon ST1 Wall Ties & 35mm thick Celotex Tuff R CW3035 insulation board					
a	75 mm cavity		m2			
b	105 mm cavity		m2			
	Ancon ST1 Wall Ties & 50mm thick Celotex Tuff R CW3050 insulation board					
c	100 mm cavity		m2			
d	125 mm cavity		m2			
	Ancon ST1 Wall Ties & 100mm thick Celotex Tuff R CW3100 insulation board					
e	140 mm cavity		m2			
	<u>Proprietary items</u>					
	<u>Lintels</u>					
	Catnic Lintol CH90/125 or similar approved					
f	1000mm span		Nr			
g	1800mm span		Nr			
h	2000mm span		Nr			
Page : 1/4		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u>					
	<u>MASONRY (Cont'd)</u>					
	<u>F31 PRECAST CONCRETE SILLS/LINTELS/COPINGS/FEATURES</u>					
	<u>Precast concrete</u>					
	<u>Lintels</u>					
	Stressline type R15A reinforced concrete					
a	620 mm long		Nr			
b	1420 mm long		Nr			
c	1600 mm long		Nr			
Page : 1/5		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u>					
	<u>CLADDING / COVERING</u>					
	<u>H11 CURTAIN WALLING</u>					
	<u>Polyester powder coated aluminium double glazed units</u>					
	<u>Curtain walling</u>					
a	Sapa RC elegance 52 with dual frame 55 casement		m2			
b	Shuco International KG, Curtain wall FW50+, glass to BS EN 1279		m2			
Page : 1/6		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<p><u>EXTERNAL WALLS (Cont'd)</u></p> <p><u>CLADDING / COVERING (Cont'd)</u></p> <p><u>H30 FIBRE CEMENT PROFILED SHEET</u> <u>CLADDING/COVERING/SIDING</u></p> <p><u>Rainscreen Cladding System</u></p> <p>Creaton Tonality Cladding System</p> <p>400 x 200 mm clay tiles, including all framing, fixings, fastners, vapour control layer and insulation, vertical</p>					
a	Matt white		m2			
b	Non standard colour		m2			
Page : 1/7		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<p><u>EXTERNAL WALLS (Cont'd)</u></p> <p><u>CLADDING / COVERING (Cont'd)</u></p> <p><u>H21 TIMBER WEATHER BOARDING</u></p> <p><u>Wrot softwood</u></p> <p>Walls</p> <p>19 mm thick Western Red cedar, fixed to 25 x 50 mm counterbattens at 600 mm centres and 25 x 38 mm battens at 600 mm centres and Klobber Permo Frame Breather Membrane</p>					
a	Not exceeding 300 wide		m			
b	Over 300 wide		m2			
	<p>22 mm thick Western Red cedar, fixed to 25 x 50 mm counterbattens at 600 mm centres and 25 x 38 mm battens at 600 mm centres and Klobber Permo Frame Breather Membrane</p>					
c	Not exceeding 300 wide		m			
d	Over 300 wide		m2			
Page : 1/8		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u> <u>CLADDING / COVERING (Cont'd)</u> <u>H31 METAL PROFILED SHEET CLADDING/COVERING/SIDING</u> <u>Kingspan Composite Wall Cladding</u> Wall claddings Kingspan KS1000RW, including secondary steelwork a 80 mm thick, Vertical		m2			
Page : 1/9		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u> <u>SURFACE FINISHES</u> <u>M20 PLASTERED/RENDERED/ROUGHCAST COATINGS</u> <u>Cement-sand render</u> Sto External render system; comprising glassfibre mesh reinforcement embedded in 10mm Sto Levell Cote with Sto Armat Classic base coat render and decorative topcoat render, 15mm thick to walls, two coats a Not exceeding 300 wide b Over 300 wide Render Walls Cement/lime/sand (1:0.5:4-4.5) to external walls; 20mm thick in two coats, 8-12mm undercoat & 6-8mm final coat c Over 300 wide d Not exceeding 300 wide		m m2 m2 m			
Page : 1/10		To Bill Summary				

External walls

Ref	Description	Qty	Unit	Rate	£	P
	<u>EXTERNAL WALLS (Cont'd)</u>					
	<u>SURFACE FINISHES (Cont'd)</u>					
	<u>M60 PAINTING/CLEAR FINISHING</u>					
	<u>Painting blockwork</u>					
	General surfaces					
	Two coats of cement paint, Sandtex Matt					
a	Not exceeding 300 mm girth		m2			
b	Over 300 mm girth		m2			
	<u>Painting render</u>					
	General surfaces					
	Initial coat: 10% thinned coat masonry paint, Finishing Coat: two coats textured masonry paint					
c	Not Exceeding 300 girth		m2			
d	Over 300 girth		m2			
	<u>Staining wood</u>					
	General surfaces					
	Decorative woodstain to external timber cladding					
e	Not exceeding 300 girth		m2			
f	Over 300 girth		m2			
Page : 1/11		To Bill Summary				

External walls

Ref	Description				£	P
	BILL SUMMARY					
	Page : 1/1					
	Page : 1/2					
	Page : 1/3					
	Page : 1/4					
	Page : 1/5					
	Page : 1/6					
	Page : 1/7					
	Page : 1/8					
	Page : 1/9					
	Page : 1/10					
	Page : 1/11					
Page : 1/12		To Grand Summary				

Internal walls and partitions

Ref	Description	Qty	Unit	Rate	£	P
	<u>INTERNAL WALLS AND PARTITIONS</u>					
	<u>MASONRY</u>					
	<u>F10 BRICK/BLOCK WALLING</u>					
	<u>Blockwork</u>					
	Walls					
	Common blockwork, Crushing strength of 2.9 N/mm2 in 1:1:6 cement, lime and sand mortar					
a	215 mm thick		m2			
	Facing blockwork, Crushing strength of 7 N/mm2 in 1:1:6 cement, lime and sand mortar					
b	215 mm thick, facing both sides		m2			
	Fairface dense blockwork, BS 60- 1, 7N/mm2, stretcher bond in mortar class 6					
c	100 mm thick, facing both sides		m2			
d	100 mm thick, facing one side		m2			
e	140 mm thick, facing both sides		m2			
f	140 mm thick, facing one side		m2			
	Insulating blockwork, Thermalite Hi Strength 7 in 1:1:6 cement, lime and sand mortar					
g	100 mm thick		m2			
h	140 mm thick		m2			
j	150 mm thick		m2			
	Dense blockwork, BS 60- 1, 7N/mm in 1:1:6 cement, lime and sand mortar					
k	100 mm thick		m2			
l	140 mm thick		m2			
Page : 1/1		To Bill Summary				

Internal walls and partitions

Ref	Description	Qty	Unit	Rate	£	P
	<u>INTERNAL WALLS AND PARTITIONS (Cont'd)</u>					
	<u>LININGS / SHEATHING / DRY PARTITIONING</u>					
	<u>K10 PLASTERBOARD DRY LININGS/PARTITIONS/CEILINGS</u>					
	<u>Lafarge metal stud partition system</u>					
	Proprietary partitions					
	REP042, non loadbearing metal stud partition with 70mm GTEC C Stud (CS70/R) at 600mm centres, one layer of 12.5mm GTEC E board both sides and insulation of 25mm glass mineral wool density 16 kg/m3					
a	2.70 m height		m			
b	3.50 m height		m			
	RSP001, non loadbearing metal stud partition with 50mm GTEC C Stud (CS50/R) at 600mm centres, a layer of 15mm GTEC dB board both sides					
c	2.70 m height		m			
d	3.50 m height		m			
	<u>Plasterboard</u>					
	Linings to walls					
	15mm Megadeco outer layer and 12.5mm standard wallboard inner layer, sealant, fixing on dabs or with nails, joints filled with joint filler and tape					
e	27.5 mm thick		m2			
	GTEC Fire V Board, FVR21, fixing on dabs or with nails, joints filled with joint filler and tape					
f	15 mm thick		m2			
	Gypsum plasterboard to BS EN 520, tapered edge fixing on dabs or with nails, joints filled with joint filler and tape					
g	9.5 mm thick		m2			
h	12.5 mm thick		m2			
Page : 1/2		To Bill Summary				

Internal walls and partitions

Ref	Description	Qty	Unit	Rate	£	P
	<u>INTERNAL WALLS AND PARTITIONS (Cont'd)</u>					
	<u>WINDOWS / DOORS / STAIRS</u>					
	<u>L20 DOORS/SHUTTERS/HATCHES</u>					
	<u>Panelled</u>					
	<u>Sliding/folding partitions</u>					
	Tenon Silenta operable wall system, 53 dB, one way bunching, hardwood veneer, by CPD Distribution					
a	5000 mm x 2100 mm		Nr			
b	6500 mm x 2100 mm		Nr			
c	8500 mm x 2100 mm		Nr			
Page : 1/3		To Bill Summary				

Internal walls and partitions

Ref	Description				£	P
	<u>BILL SUMMARY</u>					
	Page : 1/1					
	Page : 1/2					
	Page : 1/3					
Page : 1/4		To Grand Summary				