

Project Name					
		Qty	Unit	Rate	£ p
<b>ROOF</b>					
<b>Section Preambles / Preliminaries / Notes</b>					
	Drawings; The following drawings should be referred to as part of the pricing of the Bill: xxxxxx, xxxxxx, xxxxxxx; xxxxxxx, xxxxxxx				
a			Item	0.00	0.00
b	Other documents - Tender NBS		Item	0.00	0.00
c	All external soffits have been included for in the ceilings element; however associated timber joists, breather membrane and vapour barrier within ceiling void see detail 1 on drawing xxxx has been included in this section		Item	0.00	0.00
d	No detail provided along gridline T; assumed similar detail as required to gridline 15		Item	0.00	0.00
<b>STRUCTURAL METALWORK</b>					
<b>Tata Steel RoofDeck D60; 1.2 thick steel grade S350 GD + Z275 to BS EN 10326 installed at double/multiple spans; fixed to top of steel beams or to supporting angles; 100mm end laps as G30/110</b>					
e	Profiled metal decking; 60 deep height not exceeding 5.00m	492	m2	0.00	0.00
f	Extra over for acoustic profile fillers to match decking profile void; fit securely as recommended by manufacturer to form fire compartment; seal all air path gaps with suitable sealant	71	m	0.00	0.00
g	Angle trims for opening; size, 70 x 70 angles; fixed with self drill screws to steel beams; 5.5 diameter self drill screw fasteners at every pitch, min end distance 50mm; allowance as may be required	4	Nr	0.00	0.00
h	Edge trims; 1.6 gauge 150 x 150 galvanised steel flashing	148	m	0.00	0.00
<b>CARPENTRY</b>					
<b>Grade C24 Timber joists; European redwood; organic solvent treated as G20/230</b>					
i	Joists at 600 centres; supported on joist hanger to PFCs (PFC measured elsewhere) 150 x 50 nom	73	m	0.00	0.00
j	Softwood tilted fillet approx 70 wide x 70 max high; to gutters	61	m	0.00	0.00
To Summary £					0.00

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a	approx 100 wide x 25 max high; to parapet	33	m	0.00	0.00
b	approx 95 wide x 45 max high to parapet	3	m	0.00	0.00
c	approx 150 wide x 50 max high to parapet	64	m	0.00	0.00
<b>Organic solvent treated sawn softwood framing as G20/270</b>					
Framing members; continuous timber bolted to web of supporting channels at 500 centres to provide support to joist hangers, fixed within PFC (PFC measured elsewhere)					
d	approx 130 x 65	57	m	0.00	0.00
Framing members					
e	approx 50 x 50	65	m	0.00	0.00
f	approx 70 x 40	33	m	0.00	0.00
<b>Structural plywood to roof; 18 thick unsanded plywood service class 2 to BS EN 1995-1-1 as G20/310</b>					
Boarding; not exceeding 600 wide					
g	approx 165 wide	33	m	0.00	0.00
h	approx 385 wide	64	m	0.00	0.00
i	approx 600 wide	29	m	0.00	0.00
<b>Joist hangers</b>					
Metal fixings, fastenings and fittings					
j	generally	112	nr	0.00	0.00
<b>RCM Limited Cement Particle board; product reference RCM Cemboard; 12 thick; 3 wide expansion joints between boards; fasteners fixed at 15 centres around edges and 300 centres along intermediate supports; fixing with 4.8 x 38 dia wing tip self-drilling fasteners, 15mm from edge as K11/110</b>					
Boarding; not exceeding 600 wide					
k	approx 195 wide	3	m	0.00	0.00
l	approx 200 wide	7	m	0.00	0.00
m	approx 235 wide	29	m	0.00	0.00
n	approx 330 wide	33	m	0.00	0.00
o	approx 365 wide	53	m	0.00	0.00
To Summary £					0.00

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<b>WATERPROOFING</b>					
<b>Built-up reinforced Bitumen Membrane warm deck roof covering system; Soprema UK Limited system comprising of torch applied Sopralene Flam 250 AF 4.0mm SBS polyester reinforced Capsheet, black slate colour; on torch applied Soprema Ventirock SBS 3TF 3.0mm SBS polyester reinforced venting underlay; Sopratherm T rigid urethane foam (PIR) insulation board thickness to achieve required u-value of 0.16W/m2K, fully bonded to Sopravap EVA 35 vapour barrier with Soprema Soprabond polyurethane in accordance; modified bitumen membrane vapour barrier with an aluminium composite reinforcement; torch applied; surface to receive roof to be primed with Soprema Elastocol 500 Bitumen Primer; system complete as J41/110A</b>					
	Coverings; exceeding 500mm wide				
a	sloping 1/40 fall	447	m2	0.00	0.00
b	sloping 1/40 fall; to canopy	51	m2	0.00	0.00
	Coverings; not exceeding 500mm wide; un insulated; over parapet				
c	vertical; approx 110 high	11	m	0.00	0.00
d	vertical; approx 250 high	33	m	0.00	0.00
e	vertical; approx 280 high	53	m	0.00	0.00
f	sloping; approx 250 wide	33	m	0.00	0.00
g	sloping; approx 420 wide	64	m	0.00	0.00
	Vapour barrier; not exceeding 500 wide				
h	vertical; to roof perimeter	125	m	0.00	0.00
	Ridge				
i	generally	29	m	0.00	0.00
	Gutters				
j	approx 450 girth on 60 thick insulation	61	m	0.00	0.00
k	approx 900 girth on 60 thick insulation	3	m	0.00	0.00
l	approx 570 girth; un insulated	29	m	0.00	0.00
	Spot items				
m	outlets; svp/wvp	2	nr	0.00	0.00
	rainwater outlet; Marley Alutec or equal; DR410 vertical spigot outlet; 100 diameter; flange and clamping collar for roof membrane, doomed grate and metal leaf guard; outlet complete with threaded adaptor DRAH as R10/365C				
n		2	nr	0.00	0.00
	Fittings				
o	lighting protection to electrical engineers detail		Item	0.00	0.00
To Summary £					0.00

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a	Edge trim; GRP edge trim; Soprema Sopratrim; grey; in 3m lengths approx 180 girth; with 1nr drip	33	m	0.00	0.00
b	approx 180 girth; with 1nr drip on and including 25 x 45 batten	64	m	0.00	0.00
c	Angle fillets; non combustible perlite or timber 50 x 50	132	m	0.00	0.00
<b>INSULATION, FIRE STOPPING &amp; FIRE PROTECTION</b>					
<b>Kingspan Kooltherm K5 or equivalent insulation; closely butted joints and installed break bonded; minimum of 9 fasteners per 1200 x 2400 board to be provided; fasteners positioned not less than 50mm and no greater than 150mm from board edges as P10/217</b>					
d	Boards 100 thick	8	m2	0.00	0.00
<b>Air tightness tape; Natural Building Technologies or equal approved Pavafix 60 straight tape; fix to manufacturers instructions; all penetrations sealed as P20/320A</b>					
e	Sheets approx 90 girth	39	m	0.00	0.00
f	approx 100 girth	29	m	0.00	0.00
g	approx 130 girth	90	m	0.00	0.00
<b>Dupont Tyvek AirGuard Reflective vapour control layer; fixed with Tyvek Butyl Tape; minimum joints; joints at supports to be lapped 150 minimum; sealed with double sided tape ; all penetrations sealed as P20/310A</b>					
h	Sheets generally	11	m2	0.00	0.00
<b>Breather membrane; Tyvek UV durable breather membrane; product reference UV Facade; Fix ca with 100 wide horizontal laps and 150 wide vertical laps; galvanised, sheradized or stainless steel large head nail or stainless steel staples as H21/130</b>					
i	Sheets generally	10	m2	0.00	0.00
<b>Linear Gap sealing; Mineral wool gap filler with fire resisting silicone capping sealant; grey colour as P12/160</b>					
Filling cavities					
To Summary £					0.00

Project Name

		Qty	Unit	Rate	£	p
a	25 thick <b>DRAINAGE ABOVE GROUND</b> Hopper rainwater outlets; Alumasc Water Management Solutions; product reference CP40/HOP Hopper	29	m	0.00		0.00
b	100 diameter <b>Aluminium downpipe; Alumasc Water Management Solutions; product reference 100 diameter SW40/3M; marine graded extruded aluminium pipe; polyester powder coated; RAL 7016 Anthracite Grey; standard base clips RW2/237, RW3/238 brackets and extended base clips RW3/366; internal spigot joints, joints to the gutter outlets and non vertical planes to be sealed with manufacturer's recommended sealant allowing for a 3-4 vertical thermal movement gap as R10/371</b> Down pipe; round section	2	Nr	0.00		0.00
c	100 diameter <b>Roof outlet through parapet; min 110 diameter connecting directly into rear of hopper (where required), fully sealed to roofing membrane and sealed to hopper (where required); connection to be fully concealed from view at ground level</b> Outlets	12	m	0.00		0.00
d	110 diameter; connecting to hopper	2	Nr	0.00		0.00
e	110 diameter; over flow	5	Nr	0.00		0.00
To Summary £						0.00

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<b>Summary</b>					
Total from Page 2/2C / 1			£		0.00
Total from Page 2/2C / 2			£		0.00
Total from Page 2/2C / 3			£		0.00
Total from Page 2/2C / 4			£		0.00
Total from Page 2/2C / 5			£		0.00
Total for Bill				£	0.00