

	<p><b>SECTION C3 - ROOFING WORKS</b></p> <p><b>MASTER SPECIFICATION &amp; SCHEDULE OF WORKS</b></p> <p><b>For</b></p> <p><b>NELSON COURT DRAKE COURT, GRENVILLE COURT AND RODNEY COURT</b></p> <p><b>PROJECT ADMIRAL</b></p>	£	p
	<p><b>total collection</b></p>		

	<div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;">SECTION C3 – ROOFING WORKS</div> <p><b>SUB SECTION GENERAL NOTES:</b></p> <ul style="list-style-type: none"> <li>i. The following is to be read in conjunction with the Icopal Specifications, details and architectural drawings.</li> <li>ii. Due to weather restrictions Icopal were unable to take core samples of the roof therefore specification has been provided on an indicative basis only. The specifications provided and the following schedule of works is for pricing purposes only.</li> <li>iii. Prior to commencement the contractor shall arrange for Icopal to undertake a full survey of the roof areas including core samples to provide a report / specification. Contractor to pay any charges applicable and any associated costs.</li> <li>iv. Icopal contact – Paul Seel Tel: 0161 865 4444</li> <li>v. All works covered in the Icopal specification are to be undertaken by an Icopal approved contractor <u>only</u>.</li> <li>vi. Works are to be programmed so that weather tightness is maintained at the end of each working day.</li> <li>vii. The main contractor shall comply fully with the system manufacturer's warranty requirements. Provide warranty to CA on completion of the works.</li> <li>viii. Main contractor to liaise with system manufacturer to ascertain requirement for interim and final inspections. Contractor to be responsible for making all arrangements and pay all charges etc.</li> <li>ix. Insurance backed guarantee to be issued on completion minimum 20 years.</li> <li>x. Installation to be undertaken by a PAS:2030 accredited installer. Allow to undertake pre-installation survey and provide this along with any other information required by OFGEM in respect of ECO funding.</li> <li>xi. The new roof covering and brise soleil system are Contractor Design Elements</li> </ul> <p><b>NB:</b> The schedule of works relates to works to Nelson Court only and within the pricing summary carried forward to the tender documents the contractor shall include the cost for identical works to the remaining three blocks</p>	£	p
	<b>total collection</b>		

		£	p
3.1	<p><b>Undertake Roof Area Enabling Works Shall Mean:</b></p> <p><i>Preambles: C90</i>  <i>Location: Main roof area complete</i>  <i>Drawing No's: See Drawing Register and Roofing Typical Detail Drawing Number 5131/ C05</i></p> <p>a) Allow all necessary access equipment, support and protection for high level working.</p> <p>b) Allow to temporarily relocate all existing cables, conduits, CCTV equipment etc to facilitate the works.</p> <p>c) Where services require to be disconnected allow to temporarily isolate, remove, reinstate and test on completion. Allow to alter and extend services as necessary to complete the works.</p> <p>d) Allow to remove and re-fix existing lightning conductor to facilitate the works. Ensure lightning conductor system is complete and in full working order at the end of each day.</p>		
3.2	<p><b>Undertake Strip Out Works Shall Mean:</b></p> <p><i>Preambles: C20</i>  <i>Location: Main roof area &amp; plant room roof areas complete</i>  <i>Drawing No's: See Drawing Register and Roofing Typical Detail Drawing Number 5131/ C05</i></p> <p>a) Remove existing perimeter handrail.</p> <p>b) To main roof area; strip existing waterproofing and insulation in accordance with Icopal Specification 30584 Rev A. (Appendix D)</p> <p>c) To plant room roof areas; strip existing waterproofing in accordance with Icopal specification.</p> <p>d) Remove existing cappings / pressings to parapet.</p> <p>e) Remove existing timber battens to parapet.</p> <p>f) Remove existing lead flashings to roof area.</p> <p>g) Remove all vegetation and organic growth and clean down areas ready for new roof covering works.</p>		
3.3	<p><b>Design and Provide New Insulated Roof Covering Shall Mean:</b></p> <p><i>Preambles: J41</i>  <i>Location: Main roof area</i>  <i>Drawing No: See Drawing Register and Roofing Typical Detail Drawing Number 5131/ C05</i></p> <p>a) Design, supply and Install new roof covering and sundry items in accordance with the main roof specification by <b>Icopal Ltd</b> or equal and approved. Icopal Specification 30584 Rev A. (Appendix D)</p>		
<b>total collection</b>			

		£	p
3.4	b) Prepare existing roof deck in accordance with manufacturer's instructions.		
	c) Allow to supply and install all works listed in the specification which include but are not limited to primers, vapour control layer, insulation, underlay, waterproof covering, rainwater outlets, soil pipe extensions and accessories in accordance with the Icopal specification.		
	d) Allow to provide watertight seal around all new and existing service / roof penetrations.		
	e) Allow tapered insulation to all rainwater outlets.		
	f) Allow additional layer of bitumen waterproofing to feet of freestanding guardrail and CCTV camera frame ballast.		
	g) Allow additional layer of bitumen waterproofing and non-slip finish to walkway location as marked on the proposed roof plan.		
	h) Allow to take insulation and waterproofing layer up and over parapet in accordance with Icopal detail BE-15-866-001 Rev A.		
	i) Allow 2no. 75x38mm s.w. treated timber battens to parapet in accordance with Icopal detail BE-15-866-001 Rev A.		
	j) Allow to take insulation and waterproofing layer up and over existing anchor points in accordance with Icopal detail BE-15-838-002 Rev B.		
	k) Allow to test internal rainwater pipe and roof outlets on completion and provide test sheets to CA.		
	<b>Design and Provide New Roof Covering Shall Mean:</b>  <i>Preambles: J41</i> <i>Location: Plant room roof areas</i> <i>Drawing No: See Drawing Register and Roofing Typical Detail</i> <i>Drawing Number 5131/ C05</i>		
	a) Design, supply and Install new roof covering and sundry items in accordance with the main roof specification by <b>Icopal Ltd</b> or equal and approved. Icopal Specification 30584 Rev A. (Appendix D)		
	b) Prepare existing roof deck in accordance with manufacturer's instructions.		
	c) Allow to supply and install all works listed in the specification applicable to the roof area.		
	d) Provide new fascia boards c/w 50x50mm s.w. timber support battens. Fascia boards to be 6mm Trespa Metalon (Ral 7015) 250mm in height.		
	e) Allow half round PVCu rainwater gutters to one side of each plant room roof and 75mm dia. Round downpipe. Allow all brackets, bends, outlets, stop ends, shoes etc to provide a complete installation. Allow for PVCu leaf guards to all gutters		
	f) To 3 sides of roof, allow timber s.w. timber verge upstand 75mm in height.		
<b>total collection</b>			

		£	p
3.5	<p>g) Allow to provide watertight seal around all new and existing service / roof penetrations.</p> <p><b>Design and Provide New Purpose Made Aluminium Over Coping/ Fascia Shall Mean:</b></p> <p><i>Preambles: H72</i>  <i>Location: Parapet wall to roof perimeter complete</i>  <i>Drawing No's: See Drawing Register and Roofing Typical Detail Drawing Number 5131/ C05</i></p> <p>a) Design supply and fit new purpose made 4mm thick aluminium over coping &amp; fascia to perimeter parapet walls with RAL 7015 powder coated finish and overhang either side.</p> <p>b) Pressing to run down external face of parapet and cover top edge of external wall insulation c/w drip and overhang of 45mm from finished face of render.</p> <p>c) Contractor to allow for all fixings, trims and seals as per standard detail necessary to secure the copings during high wind exposure.</p>		
3.6	<p><b>Design and Provide new proprietary brise soleil system</b></p> <p><i>Preambles: H72</i>  <i>Location: Parapet wall brise soleil system to roof perimeter</i>  <i>Drawing No's: See Drawing Register and Roofing Typical Detail Drawing Number 5131/ C05</i></p> <p>a) Allow for design and installation of a new proprietary brise soleil system to perimeter of building</p>		
3.7	<p><b>Design and Provide New Fall Arrest System Shall Mean:</b></p> <p><i>Preambles: Refer to NBS specification (Appendix E)</i>  <i>Qty: 1 no. per plant room roof</i></p> <p>a) Design supply and install Soter fall arrest system by QBM distributors Ltd, Tel: 01924 472 251 or equal and approved. All to be in accordance with QBM Soter NBS Specification (Appendix E).</p> <p>b) Manufacturer to be responsible for undertaking safety load calculations. Confirm these and provide to CA prior to ordering.</p> <p>c) Contractor to allow for all necessary fixings and installation requirements as per the manufacturers recommendations.</p> <p>d) Installation to be undertaken by system manufacturer approved installer only.</p>		
3.8	<p><b>Provide New Perimeter Edge Protection Rail Shall Mean:</b></p> <p><i>Preambles: L30</i>  <i>Location: Main roof perimeter</i>  <i>Drawing No: See Drawing Register and Roofing Typical Detail Drawing Number 5131/ C05</i></p>		
<b>total collection</b>			

		£	p
3.9	<p>a) To location shown on proposed roof plan; supply &amp; install Icopal Kwikguard free standing guardrail. Handrail to be tested to EN 13374 &amp; BS6399 Part 2. Guardrail manufacturer to be responsible for undertaking wind load calculations. Confirm these and provide to CA prior to ordering</p> <p>b) Contractor to allow for all necessary fixings and installation requirements as per the manufacturers recommendations.</p> <p>c) Installation to be undertaken by system manufacturer approved installer only.</p> <p><b>Provide New Handrail to Plant Room Shall Mean:</b></p> <p><i>Preambles: L30, Z31</i>  <i>Qty: 2 no. per plant room</i></p>		
3.10	<p>a) Allow to supply and fit new 1100mm high 50mm dia heavy duty steel handrail either side of access hatch fixed directly into concrete slab with base plate fixings.</p> <p>b) Handrails to be powder coated. Colour to be confirmed by client.</p> <p><b>Decorate Existing Ventilation Louvres Shall Mean:</b></p> <p><i>Preamble: M60</i>  <i>Location: Lift motor rooms at roof level</i></p>		
3.11	<p>a) Prepare existing surfaces in accordance with paint manufacturer's recommendations.</p> <p>b) Remove all areas of rust by wire brush or abrasive wheel and apply anti-rust protection coating to localised areas.</p> <p>c) Apply 2no. coats of Hamerite Smooth Metal Paint.</p> <p><b>Provide New Roof &amp; Drainage to Main Entrance Structure Shall Mean:</b></p> <p><i>Preamble: G20, J41, R10</i>  <i>Location: Roofs to proposed entrance lobbies</i>  <i>Drawings: See Drawing Register and Typical Lobby Detail Drawing Number 5131/ C04</i></p> <p>a) Provide timber roof structure, deck and waterproof covering in accordance with the Structural Engineering and Architectural drawings listed above.</p> <p>b) Allow to create drainage channel within the roof structure/deck.</p> <p>c) Allow new aluminium roof drainage outlet and downpipe taken down to ground level.</p> <p>d) Allow new passive stack ventilation pipe and cowl c/w insect mesh. Allow ventilation grille to internal face.</p> <p>e) Contractor to provide all works marked up on the drawing to provide a complete</p>		
<b>total collection</b>			

	<p><b>COLLECTION PAGE FOR PROJECT ADMIRAL</b></p> <p><b>– SECTION C3 ROOFING WORKS</b></p> <p>Page 1</p> <p>Page 2</p> <p>Page 3</p> <p>Page 4</p> <p>Page 5</p> <p>Page 6</p>	£	p
	<p><b>total collection</b></p>		

