

Item No	Element of the Works	Completion Standard	Completion Criteria	Independent Tester's Methodology (to be completed by the IT)
9.1.3	Wayfinding / Signage.	Complete including lighting	The wayfindings and signs are complete (including lighting)	Site inspection to reconcile signage against drawings / schedules and statement of suitability in comparison to HTM requirement and whole hospital policy. Review QA records and sample witness illumination lux levels as appropriate for standard and emergency lighting.
9.2	Soft Landscaping Generally.	Complete as per Schedule 8 Parts 3 and 4	The soft landscaping complies with Schedule 8 Parts 3 and 4 save for the area referred to in Completion Test 9.2 in Appendix 10 to Schedule 12 to the Project Agreement.(being the area on which the portacabins will be sited for which the Soft Landscaping shall be carried out as part of Project Co's post completion commissioning in accordance with	Review ProjectCo QA records and sample check of construction against specified standards.

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			paragraph 6.1.3 of Schedule 12 of the Project Agreement).	
9.3	Roads And Car Parks – Gradients.	Schedule 8 Parts 3 and 4	The roads and car parks comply with Schedule 8 Parts 3 and 4.	Review ProjectCo QA records and sample check of construction against specified standards.
9.4	External Drainage.	Tested against discharge criteria in Schedule 8 Parts 3 and 4	The external drainage have been tested against the discharge criteria in Schedule 8 Parts 3 and 4.	Sample checking of drains during construction and at completion against specified standards and capacities, including appropriate interfacing with existing estate. Checking will encompass completeness, integrity and cleanliness testing, including confirmation of CCTV examinations.
9.5	Energy Centre.	Schedule 8 Parts 3 and 4	The energy centre complies with Schedule 8 Parts 3 and 4.	Review design for compliance with Schedule 8. Validate constructed works against same.
9.6	Car Parking Spaces – Number.	Complete as per Schedule 8 Parts 3 and 4	The number of car parking spaces complies with Schedule 8 Parts 3 and 4.	Review design for compliance with Schedule 8. Validate quantity within constructed works.

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9.7	Car Parks - Ducts And Draw Cords.	Criteria to be agreed	The ducts and draw cords for the car parks comply with Good Industry Practice.	Sample checking of ducts during construction and at completion against specified standards.
9.8	Disabled Parking -Special Requirements.	Complete as per Schedule 8 Parts 3 and 4	The disabled parking of the Facility complies with Schedule 8 Parts 3 and 4.	Review design for compliance with Schedule 8 inc Building Control requirements. Validate constructed works against same.
10	INTRODUCTION TO THE TECHNICAL OUTPUT SPECIFICATIONS			
10.1	Operation And Maintenance Manuals (To the Extent they are not Included in the Health and Safety File).	Complete as per Schedule 8 Parts 3 and 4	This Completion Criteria will be satisfied on Project Co producing the draft operation and maintenance manuals listed in Schedule 8 Part 3.	Preliminary engagement with ProjectCo and FM to understand format and outline content, and promote progressive completion. Desk top review of presented draft O & M Manuals to confirm completeness.
11	CLINICAL OUTPUT SPECIFICATIONS			

Item No	Element of the Works	Completion Standard	Completion Criteria	Independent Tester's Methodology (to be completed by the IT)
11.1	CONTROL OF INFECTION	Microbiological Tests satisfied for theatres and Cath Labs – HBN 00-09 and HTM 03-01	Trust Control of Infection Officer Sign Off pursuant to Schedule 12 Appendix 9	Certification review
11.2	Radiation and Laser Protection.	Schedule 8 Parts 3 and 4	The radiation and laser protection complies with Schedule 8 Parts 3 and 4.	Construction inspection to validate detailing of shielding within building fabric and that room finishes comply with Schedule 8. Witness test engineering controls and warning systems. In undertaking these activities we will take due cognisance of comments from Trust RPA.
11.3	Electromagnetic Interference Precautions for MRI.	Schedule 8 Parts 3 and 4	The electromagnetic interference precautions for MRIs comply with Schedule 8 Parts 3 and 4.	Validate during construction. 100% QA review and 50% witness.
12	EQUIPMENT			

Item No	Element of the Works	Completion Standard	Completion Criteria	Independent Tester's Methodology (to be completed by the IT)
12.1	Category A Element of the Works	<p>(1) Comply and be consistent with all Consents, Law, NHS Requirements and Good Industry Practice;</p> <p>(2) Achieve the specifications, standards and functionality contained or referred to Trust Construction Requirements and as set out in Schedule 13.</p>	<p>The Category A Equipment in the Facility comply with the 1:50 scale drawings, Room Data Sheets and the Clinical Output Specifications as developed in accordance with the Reviewable Design Data.</p> <p>In determining whether this completion criteria has been met, the Independent Tester will be required to carry out a random sample of not less than 50% of the rooms that have a 1:50 scale drawing applicable to it, save that all theatres, Cath Labs, Hybrid Theatres, ITU and CCU spaces will be tested.</p>	<p>We understand Category A to encompass ProjectCo supplied, installed and commissioned fixed furniture (e.g. lab benching) and fittings.</p> <p>We will conduct visual and functionality inspection to validate provided as Room Data Sheets and located as loaded plans. Check service connections are made, equipment is operable, and manufacturers documents/certificates are collated.</p>

Item No	Element of the Works	Completion Standard	Completion Criteria	Independent Tester's Methodology (to be completed by the IT)
12.2A	Category B	<p>(1) Comply with the requirement for Category B Equipment as set out in Schedule 13;</p> <p>(2) Achieve the specifications, standards and functionality contained or referred to in the Category B Equipment specifications and other requirements set out in Schedule 8 Part 3 and/or Schedule 8 Part 4; and</p> <p>(3) Comply with any comments raised and subsequent development through the RDD process.</p>	<p>The Category B Equipment in the Facility comply with the 1:50 scale drawings, Room Data Sheets and the Clinical Output Specifications as developed in accordance with the Reviewable Design Data.</p> <p>In determining whether this completion criteria has been met, the Independent Tester will be required to carry out a random sample of not less than 50% of the rooms that have a 1:50 scale drawing applicable to it, save that all theatres, Cath Labs, Hybrid Theatres, ITU and CCU spaces will be tested.</p>	<p>We understand Category B to encompass ProjectCo supplied, installed, and commissioned furniture.</p> <p>We will conduct a visual and functionality inspection to validate provided as Room Data Sheets and located as loaded plans. If appropriate we confirm service connections are made, and that manufacturers documents/certificates are collated.</p>

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12.2	Category A+	(1) Comply and be consistent with all Consents, Law, NHS Requirements and Good Industry Practice; (2) Achieve the specifications, standards and functionality contained or referred to in the Category A+ Generic Equipment Output Specifications and as set out in Schedule 13. (3) Warranties, Guarantees and Commitments have been provided to the Trust as required by paragraph 9.4 to Schedule 13.	The Category A+ Equipment in the Facility comply with the 1:50 scale drawings, Room Data Sheets and the Clinical Output Specifications as developed in accordance with the Reviewable Design Data. In determining whether this completion criteria has been met, the Independent Tester will be required to carry out a random sample of not less than 50% of the rooms that have a 1:50 scale drawing applicable to it, save that all theatres, Cath Labs, Hybrid Theatres, ITU and CCU spaces will be tested.	<p>We understand Category A+ to encompass ProjectCo supplied, installed and commissioned specialist equipment such as Operating Theatre pendants and lights.</p> <p>We will conduct a visual and functionality inspection to validate provided as Room Data Sheets and located as loaded plans. Check service connections are made and verify operability of equipment.</p> <p>Confirm that manufacturer's documents/certificates have been collated.</p>

Item No	Element of the Works	Completion Standard	Completion Criteria	Independent Tester's Methodology (to be completed by the IT)
12.3	Category C	<p>(1) Comply and be consistent with all Consents, Law, NHS Requirements and Good Industry Practice;</p> <p>(2) is installed and commissioned (in conjunction with the Trust) in accordance with the Final Commissioning Programme and Schedule 8 Part 3 (Trust Construction Requirements). Completion Standard</p>	<p>The Category C Equipment in the Facility comply with the 1:50 scale drawings, Room Data Sheets and the Clinical Output Specifications as developed in accordance with the Reviewable Design Data.</p> <p>In determining whether this completion criteria has been met, the Independent Tester will be required to carry out a random sample of not less than 50% of the rooms that have a 1:50 scale drawing applicable to it, save that all theatres, Cath Labs, Hybrid Theatres, ITU and CCU spaces will be tested.</p>	<p>We understand Category C to encompass Trust supplied and ProjectCo installed and commissioned equipment ranging from e.g. laboratory isolators or medical treatment chairs through to soap dispensers.</p> <p>We will conduct a visual inspection to validate provided as Room Data Sheets and located as loaded plans. Check service connections are made, verify operability of equipment and manufacturer's documents/certificates have been collated.</p>

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12.4	Category MM	<p>(1) The calibration of mechanical and electrical building equipment and services after equipment has been installed in accordance with para 3.2.7.</p> <p>(2) The completion of any Outstanding Trust Commissioning in accordance with the beneficial access period.</p> <p>(3) The completion of any finishing works to areas in which MM equipment is installed in accordance with this Agreement.</p>	<p>The calibration of mechanical and electrical building equipment comply with para 3.2.7 of Schedule 12. In addition, the completion of any finishing works to areas in which MM equipment is installed complies with Schedule 8 Part 3 of this Agreement.</p>	<p>We understand Category MM to encompass Trust supplied and installed major medical equipment (e.g. CT Scanner).</p> <p>Prior to equipment installation we will validate ProjectCo services at battery limit are compliant with PA.</p> <p>We will then revisit to obtain supplier confirmation of commissioning completion.</p> <p>Our final room check will confirm that finishing works are complete and acceptable (e.g. floor recessed power supply routes are correctly finished) and that building services are functional (e.g. lighting operation and lux levels).</p> <p>Finally we would review the process and evidence for room environmental checking with actual or simulated equipment</p>

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				heat load.

Appendix 2

Part 1

Schedule of Drawdown of Fees

Payment	Date	Amount (£)
1	Mar 15	6,058.12
2	Apr 15	6,058.12
3	May 15	6,058.12
4	Jun 15	6,058.12
5	Jul 15	6,058.12
6	Aug 15	6,058.12
7	Sep 15	6,058.12
8	Oct 15	6,058.12
9	Nov 15	6,058.12
10	Dec 15	6,058.12
11	Jan 16	6,058.12
12	Feb 16	6,058.12
13	Mar 16	6,058.12
14	Apr 16	6,058.12
15	May 16	6,058.12
16	Jun 16	6,058.12
17	Jul 16	6,058.12
18	Aug 16	6,058.12
19	Sep 16	6,058.12
20	Oct 16	6,058.12
21	Nov 16	6,058.12
22	Dec 16	6,058.12
23	Jan 17	6,058.12
24	Feb 17	6,058.12
25	Mar 17	6,058.12
26	Apr 17	6,058.12
27	May 17	6,058.12
28	Jun 17	6,058.12
29	Jul 17	6,058.12
30	Aug 17	6,058.12
31	Sep 17	6,058.12
32	Nov 17	6,058.12
33	Jan 18	6,058.12
Total		199,914

Appendix 2

Part 2

Schedule of Daily Rates

<u>Grade</u>	<u>Daily Rate (£)</u>
<u>Director</u>	<u>£ 980</u>
<u>Principal Consultant</u>	<u>£ 790</u>
<u>Senior Consultant</u>	<u>£ 720</u>
<u>Consultant</u>	<u>£ 480</u>

<u>Name</u>	<u>Grade</u>
<u>Ian Meredith</u>	<u>Director</u>
<u>Jonathan Topping</u>	<u>Senior Consultant</u>
<u>Nick Herd</u>	<u>Senior Consultant</u>
<u>Jessica Mackey</u>	<u>Senior Consultant</u>
<u>Trevor Spinks</u>	<u>Senior Consultant</u>
<u>David Keepence</u>	<u>Senior Consultant</u>
<u>Martin Okereafor</u>	<u>Consultant</u>

