

**THE NEW SURREY HOSPITAL
AND
BC CANCER CENTRE PROJECT**

Schedule 1 – Statement of Requirements

Appendix 1W – Systems Responsibility Matrix

APPENDIX 1W – SYSTEMS RESPONSIBILITY MATRIX

1	INTENT.....	2
1.1	Summary:.....	2
2	DEFINITIONS.....	2
2.1	In this Appendix:.....	2

ATTACHMENTS:

- .1 Systems Responsibility Matrix
- .2 Systems Integration Matrix

APPENDIX 1W – SYSTEMS RESPONSIBILITY MATRIX

1 INTENT

1.1 Summary:

- 1.1.1 To provide an overview of systems roles and responsibilities between the Design-Builder and the Authority and does not override specific requirements in Schedule 1 [Statement of Requirements].
- 1.1.2 To provide guidance on systems that require seamless integration to each other via a Systems Integration Matrix.
- 1.1.3 For specifics, refer to the appropriate section reference numbers in Schedule 1 [Statement of Requirements], or the other noted Appendices.
- 1.1.4 In the event of a discrepancy between Appendix 1W and Schedule 1, the requirements in Schedule 1 will govern.

2 DEFINITIONS

2.1 In this Appendix:

- 2.1.1 The attachment is the Systems Responsibility matrix.
- 2.1.2 The matrix is for the Facility.
- 2.1.3 “Division” refers to the construction Division that the system is part of.
- 2.1.4 “Specification Reference” refers to the specific section of Schedule 1 where the system requirements are detailed.
- 2.1.5 “System Selection” means who has responsibility for selection of the manufacturer and individual model numbers.
- 2.1.6 “Infrastructure” means all pathways, cabling, power, connectors, wall backing, equipment mounts/brackets, supports, pathway boxes and installation works needed to enable system connectivity in adherence to codes and standards.
- 2.1.7 “Equipment” means all manufacturer supported system hardware, electronic components and media adapters needed to enable system functionality in adherence to codes and standards.
- 2.1.8 “Software” means all software scripts, modules and manufacturer supported programming code needed to enable functionality in adherence to codes and standards.
- 2.1.9 “Design” means who has responsibility for the delivery of design specifications, drawings, and any other engineering services required for a complete and operational system.
- 2.1.10 “Supply” means who has responsibility for the management and completion of procurement processes, up to and including delivery including the payment to vendors.
- 2.1.11 “Install” means who has responsibility to install in the Facility, including making connections to necessary building services (including plumbing, heating, cooling, ventilation and electricity), connections to necessary communication or network interfaces or devices, and all necessary software programming to deliver a functional system.

APPENDIX 1W – SYSTEMS RESPONSIBILITY MATRIX

- 2.1.12 “Commission” means who is responsible to test, commission and certify the equipment or system in accordance with any commissioning requirements set out in this Agreement, and applicable standards and good industry practices, including to ensure that the Equipment/System is operating in accordance with the manufacturer’s requirements and specification
- 2.1.13 “Integration” means who has responsibility for connecting disparate systems for the purposes of data and/or event exchange through a combination of infrastructure, hardware and/or software links that are defined and selected in consultation with the Owner to achieve stable operation and repeatable exchange between systems.
- 2.1.14 “IM/IT” means the Authority’s Information Management Information Technology representatives.
- 2.1.15 “DB” means the organization building the New Surrey Hospital and BC Cancer Centre.
- 2.1.16 “N/A” means representative Not Applicable.
- 2.1.17 “Authority” means Fraser Health Authority and its representatives.
- 2.1.18 “DB/Authority” means the Design-Builder and the Authority in their respective scopes.
- 2.1.19 “Training and Documentation” means who has responsibility for the training and documentation customized for the Authority’s stakeholders.

APPENDIX 1W – SYSTEMS RESPONSIBILITY MATRIX

ATTACHMENTS:

- .1 SYSTEMS RESPONSIBILITY MATRIX
- .2 SYSTEMS INTEGRATION MATRIX

APPENDIX 1W - SYSTEMS RESPONSIBILITY MATRIX

System Name	Specification Reference	System Deployment											System Handover
		System Selection	Infrastructure Design	Supply and Install Infrastructure	Equipment Design	Supply Equipment	Install Equipment	Software Design	Supply Software	Install & Configure Software	Commission	Integration	Training and Documentation
Division 25 - Integrated Automation	7.6												
Integrated Building Management Platform (IBMP)	7.6.2	DB/Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Building Management System (BMS)	7.6.3	DB/Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
FMO Network and Infrastructure	7.6.5	Authority	DB	DB	Authority	Authority	DB	Authority	Authority	Authority	Authority	DB/Authority	Authority
Division 27 - Communications	7.8												
IM/IT Data Network	7.8.11	Authority	DB	DB	Authority	Authority	DB	Authority	Authority	Authority	Authority	DB/Authority	Authority
IM/IT Wireless Network	7.8.12	Authority	DB	DB	Authority	Authority	DB	N/A	N/A	N/A	Authority	Authority	Authority
IM/IT Voice Network	7.8.13	Authority	DB	DB	Authority	Authority	Authority	Authority	Authority	Authority	Authority	DB/Authority	Authority
IM/IT End-Use Equipment	7.8.14	Authority	DB	DB	Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority
Multimedia Infrastructure and Systems													
Type 1, 2, 3, 5 A/B	7.8.15	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB/Authority	DB
Type 4 A/B		Authority	DB	DB	Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority
Type 6		Authority	DB	DB	Authority	Authority	Authority	Authority	Authority	Authority	Authority	DB	DB/Authority
Digital Wayfinding	7.8.16	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB/Authority	DB
Digital Signage	7.8.17	Authority	DB	DB	Authority	Authority	Authority	Authority	Authority	Authority	Authority	DB/Authority	Authority
Patient Physiological Monitoring	7.8.18	Authority	DB	DB	Authority	Authority	DB/Authority	Authority	Authority	Authority	DB/Authority	Authority	Authority
Public Address	7.8.19	Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Nurse Call	7.8.20	DB/Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	Authority
Clock Systems	7.8.21	Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Distributed Antenna System (DAS)	7.8.22	Authority	Authority	DB/Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority	Authority
Real Time Locating System (RTLS)	7.8.24	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB/Authority	DB
Systems Integration	7.8.25	DB	N/A	N/A	N/A	N/A	N/A	N/A	DB	DB	DB	DB/Authority	DB
Division 28 - Electronic Safety and Security	7.9												
Fire Alarm System	7.9.3	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Access Control System	7.9.4	Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Fixed Panic Duress System	7.9.5	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Intrusion Detection System	7.9.6	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Overdose Notification System	7.9.7	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Intercommunications System	7.9.8	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
IP Video Surveillance System	7.9.9	Authority	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB
Patient Wandering System	7.9.10	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB	DB

