

APPENDIX 3K

SYSTEMS RESPONSIBILITY MATRIX

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1 INTENT

1.1 Summary:

- 1.1.1 To provide an overview of systems roles and responsibilities between Project Co and the Authority and does not override specifics in the Statement of Requirements;
- 1.1.2 For specifics, refer to the appropriate section reference numbers in Statement of Requirements, or the other noted Appendices.

2 DEFINITIONS

2.1 In this Appendix:

- 2.1.1 The attachment is the 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 3 where the system statement of requirements are detailed.
- 2.1.5 “System Selection” means selection of the manufacturer and individual model numbers.
- 2.1.6 “Infrastructure” means all pathways, cabling, power, connectors, wall backing, equipment mounts/brackets, supports, structures, pathway boxes and installation works needed to enable system connectivity to the system manufacturer’s best-practice recommendations.
- 2.1.7 “Hardware” means all system hardware, electronic components, equipment and media adapters needed to enable system functionality in adherence to the system manufacturer’s best-practice recommendations.
- 2.1.8 “Software” means all software scripts, APIs, components, modules, licences and manufacturer supported programs needed to enable functionality of the system to the manufacturer’s best-practice recommendations.
- 2.1.9 “Design” means who has responsibility for the delivery of technical correspondence, diagrams, drawings, specifications and all engineering services required for a complete and operational system to the manufacturer’s best-practice recommendations.
- 2.1.10 “Supply” means budget responsibility, including management and completion of procurement processes and payment to vendors.
- 2.1.11 “Install” means physical installation of the system 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.
- 2.1.12 “Commission” means 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 connecting disparate systems for the purposes of data and/or event exchange through a combination of infrastructure, hardware and/or software APIs links

that are defined and selected in consultation with the Owner to achieve stable operation and repeatable exchange between systems. All integrations will be reviewed, supported and approved by the system manufacturers.

- 2.1.14 "IMIT" means the Authority's Information Management Information Technology representatives.
- 2.1.15 "N/A" means representative Not Applicable.
- 2.1.16 "Network" means which IP ethernet network will the system be primarily connected to for operation.
- 2.1.17 "Authority" means the Fraser Health organization and its designated representatives.
- 2.1.18 "PC" means the Project Co organization and its designated representatives.
- 2.1.19 "PC/Owner" means the Project Co and the Owner in their respective scopes.
- 2.1.20 "Training" means responsibility for preparing and delivering customized training and documentation services to the Authority's stakeholders.

3 ATTACHMENT SYSTEM RESPONSIBILITY MATRIX

APPENDIX 3K - SYSTEMS RESPONSIBILITY MATRIX

BUH System Name	SOR Division	SOR Specification Reference	System Deployment										System Integration				System Handover		
			System Selection	Design Infrastructure	Supply and Install Infrastructure	Design Hardware	Supply Hardware	Install Hardware	Design Software	Supply Software	Install & Configure Software	Commission	Integration	IP Network	New System IP	Select Campus Wide System	Systems Training		
Division 14 - Conveyance																			
Conveying Equipment	14	6.14	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes	Yes	PC	
Pneumatic Tube	14	6.15	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes	Yes	PC	
Division 25 - Integrated Automation																			
Building Automation System (BAS)	25	7.8	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes	Yes	PC	
FMO Network and Infrastructure	25	7.8.5	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	Separate	Yes	Yes	PC	
Division 26 - Electrical																			
UPS	26	7.9.9	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes	No	PC	
Metering	26	7.9.10	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes	Yes	PC	
Lighting Control System	26	7.9.16	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes	Yes	PC	
Wireless Clocks	26	7.9.21	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes (Repeaters)	Yes	PC	
Division 27 - Communications																			
Communications Pathway System	27	7.10.9	Owner	PC	PC	NA	NA	NA	NA	NA	NA	NA	PC	PC	N/A	N/A	N/A	PC	
Communications Rooms	27	7.10.10	Owner	PC	PC	NA	NA	NA	NA	NA	NA	NA	PC	PC	N/A	N/A	N/A	PC	
IM/IT Structured Cabling	27	7.10.11	Owner	PC	PC	NA	NA	NA	NA	NA	NA	NA	PC	PC	N/A	N/A	N/A	PC	
IM/IT Data Network	27	7.10.12	Owner	PC	PC	Owner	Owner	PC/Owner	Owner	Owner	Owner	Owner	PC/Owner	Owner	IMT	Yes	Yes	Owner	
IM/IT Wi-Fi Network	27	7.10.13	Owner	PC	PC	Owner	Owner	PC/Owner	Owner	Owner	Owner	Owner	Owner	Owner	IMT	Yes	Yes	Owner	
IM/IT Voice Network	27	7.10.14	Owner	PC	PC	Owner	Owner	PC/Owner	Owner	Owner	Owner	Owner	Owner	PC/Owner	IMT	Yes	No	Owner	
IM/IT Equipment	27	7.10.15	Owner	PC	PC	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	IMT	Yes	N/A	Owner	
Project Co Supplied Servers	27	7.10.16	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	Yes	PC	
Multimedia Infrastructure, Systems and Requirements		7.10.17	Refer to Sub-systems below										Refer to Sub-systems below						
Multimedia Rooms	27	Subset of 7.10.17	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	TBD	PC
EOC/Command Centre	27	7.10.17.17	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	TBD	PC	
Digital Signage	27	7.10.17.21	PC/Owner	PC	PC	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	IMT	Yes	Yes	Owner	
UBC Spaces	27	7.10.17.13	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT TBD	Yes	TBD	PC	
Patient Physiological and Vital Signs Monitoring System	27	7.10.18	Owner	PC	PC	Owner	Owner	PC/Owner	Owner	Owner	Owner	Owner	PC/Owner	Owner	Separate	Yes	Yes TBD	Owner	
Public Address System	27	7.10.19	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	FMO Network	Yes (Amplifiers)	Yes	PC	
Nurse Call Systems	27	7.10.20	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	Separate	Yes	Yes	PC	
Distributed Antenna System (DAS)	27	7.10.21	Owner	Owner	PC	Owner	Owner	PC/Owner	Owner	Owner	Owner	Owner	Owner	Owner	Separate	N/A	TBD	Owner	
CATV	27	7.10.23	PC/Owner	PC	PC	Owner	Owner	PC	Owner	Owner	Owner	Owner	Owner	Owner	Separate	TBD	TBD	PC	
Locating Services	27	7.10.24	PC/Owner	PC	PC	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	IMT	TBD	No	PC	
Integration Engine	27	7.10.25	PC/Owner	NA	NA	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	Yes	PC	
Division 28 - Electronic Safety and Security																			
Fire Alarm	26	7.11.2	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	Separate	To code	Yes	PC	
Access Control System	28	7.11.4	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes (Controllers)	Yes	PC	
Fixed Panic System	28	7.11.5	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	TBD	Yes	PC	
Staff Duress System	28	7.11.6	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	TBD	Yes	PC	
Intercommunications System	28	7.11.7	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	No	PC	
Patient Wandering / Tracking	28	7.11.9	PC/Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	TBD	No	PC	
CCTV	28	7.11.10	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	Yes	PC	
Clinical Observation Camera System	28	?	Owner	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	IMT	Yes	No	PC	

Execution Version

Design and Construction Specifications (Burnaby Hospital Redevelopment Phases 1a and 1b)