Technology Responsibility Matrix

Technology Responsibility Matrix - AU OIT Low Voltage Contractor					
1	**Site (OSP) Configuration**				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
1.01	Exterior Conduit Configuration	Conduit, Vaults, Manholes, etc.	Architect / Engineer	General Contractor	GC / Electrical Contractor
1.02	Outside Plant Premise Cabling - Outside Service Providers - Property line to Building MDF Demarcation "DMARC" location	Copper and fiber optic cable from Property line to MDF DMARC location	Architect / Engineer	AU OIT	AU OIT
2	**Premise (ISP) Configuration**				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
2.01	MDF / IDF Buildout	MDF / IDF Space dimensions / location / orientation - MDF / IDF door sizing / door orientation / locations - MDF / IDF back board orientation / location - HVAC requirements / orientation / location - Power requirements / orientation / location	Architect / Engineer	General Contractor	GC / Electrical / Low Voltage Contractor
2.02	Intra Building Risers in MDF / IDF locations	Cable and Hardware (including all copper / fiber optic cables and terminations)	Architect / Engineer	AU OIT-Low Voltage Contractor	AU OIT-Low Voltage Contractor
2.03	Cable Tray	premise distribution system cable pathway	Architect / Engineer	General Contractor	GC / Electrical
2.04	Raceways/Pathways	Conduit / sleeving / boxes / etc./ Speed Sleeves	Architect / Engineer	General Contractor	GC / Electrical
2.05	Inside Premise Cabling	Premise Structured Cabling	Architect / Engineer/ AU OIT-Network Team	AU OIT-Low Voltage Contractor	AU OIT-Low Voltage Contractor
2.06	Electronic Components	Switches / Routers / UPS	AU OIT-Network Team	AU OIT-Network Team	AU OIT-Network Team
2.07	Electronic Components	Wireless Access Points	Architect / Engineer/ AU OIT-Network Team	AP: AU OIT-Network Team Patch Cable for AP: AU OIT-Low Voltage Contractor	AU OIT-Low Voltage Contractor

Technology Responsibility Matrix

3	Communication Space (Premise Equipment Room MDF/IDF/AV)				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
3.01	Plywood / Sleeves	MDF / IDF/ AV back board / sleeving	Architect / Engineer	General Contractor	GC / Electrical
3.02	Grounding Systems	Ground bar (copper) for all Technology Systems MDF / IDF / AV location	Architect / Engineer	General Contractor	GC / Electrical
3.03	Vertical Cable Pathways	D Rings/ Ladder Rack	Architect / Engineer	General Contractor	GC / Electrical
3.04	Distribution Racks	Wall Mount Racks	AU OIT-Network Team	AU OIT-Low Voltage Contractor	AU OIT-Low Voltage Contractor
4	**Audio / Visual Systems**				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
4.01	Lectern A/V	Components and all associated patch cabling (HDMI, USB, Patch Cords for Interactive Monitor Systems	Architect / Engineer/AU-OIT- A/V Team	AU-OIT- A/V Team	AU-OIT- A/V Team
4.02	Backboard support/In Wall Back Box	in wall backing to sustain minimum 250 pounds, Junction Box including Power and Low voltage	Architect / Engineer/AU-OIT- A/V Team	General Contractor	GC / Electrical
4.03	Flat Monitor Mounting System	brackets and mounting hardware	Architect / Engineer/AU-OIT- A/V Team	AU-OIT-A/V Team	AU-OIT-A/V Team
4.04	Projectors		Architect / Engineer/AU-OIT- A/V Team	AU-OIT- A/V Team	AU-OIT-A/V Team
4.05	Flat Panel / Monitors	Flat Panel Monitors	Architect / Engineer/AU-OIT- A/V Team	AU-OIT- A/V Team	AU-OIT-A/V Team
4.06	Speakers	Classroom Amplification System	Architect / Engineer/AU-OIT- A/V Team	AU-OIT- A/V Team	AU-OIT-A/V Team
4.07	Performance / Athletic AV Systems	Projector / Sound Systems / Cafetorium / Theater / Gymnasium / Stadium - active / passive equipment / hardware / cabling / supports / pathways	Architect / Engineer/AU-OIT- A/V Team	AU-OIT-A/V Team	AU-OIT-A/V Team
4.08	Projector Rough In/Support System		Architect / Engineer/AU-OIT- A/V Team	General Contractor	GC / Electrical
4.09	Projector Screens		Architect / Engineer/AU-OIT- A/V Team	General Contractor	GC / Electrical
4.1	Premise Video Wall Cabling	Cabling / grounding / support	Architect / Engineer/AU-OIT- A/V Team	AU OIT-Low Voltage Contractor	AU OIT-Low Voltage Contractor
4.11	Electronics	Head end / nvx / speaker	Architect / Engineer/AU-OIT- A/V Team	AU OIT-A/V Team	AU OIT-A/V Team

Technology Responsibility Matrix

5	Security Systems				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
5.01	Raceways/Pathways- Surveillance	Video Surveillance conduit / penetrations / sleeving / boxes / etc.	Architect / Engineer	General Contractor	GC / Electrical
5.02	Raceways/ Pathways- Intrusion	Intrusion Detection conduit / penetrations / sleeving / boxes / etc.	Architect / Engineer	General Contractor	GC / Electrical
5.03	Raceways/Pathways- Access Control	Access Control conduit / penetrations / sleeving / boxes / etc.	Architect / Engineer	General Contractor	GC / Electrical
5.04	Premise Cabling	Video Surveillance IP camera system cabling (CAT 6)	Architect / Engineer	GC/Low Voltage Contractor	GC/Low Voltage Contractor
5.05	Premise Cabling	Intrusion Detection system cabling	Architect / Engineer	GC/Low Voltage Contractor	GC/Low Voltage Contractor
5.06	Premise Cabling	Access Control system cabling	Architect / Engineer	GC/EACS Contractor	GC/EACS Contractor
5.07	Video Surveillance IP camera system	Provision / Installation of servers / IP cameras	Architect / Engineer	AU Campus Safety	AU Campus Safety
5.08	Intrusion Detection System	Provision / Installation of control panels / keypads / motion sensors / visual strobes/horns / etc.	Architect / Engineer	GC/EACS Contractor	GC/EACS Contractor
5.09	Access Control / Electronic locking system	Provision / Installation of control panels / readers / magnets / electronic locking system	Architect / Engineer	GC/EACS Contractor	GC/EACS Contractor
5.10	Gate Access Control	Entrance / Exit gate control / transmitters / receivers / loop detectors / sensing edge / keypad (with hood) / infrared sensors / pedestal	Architect / Engineer	GC/EACS Contractor	GC/EACS Contractor

Technology Responsibility Matrix

6	Emergency Power Backup for Active Equipment				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
6.01	Power System Cabling	Provision / installation of dedicated general power receptacles / cabling / panels and associated power surge suppression for Technology Systems	Architect / Engineer	General Contractor	GC / Electrical
6.02	Active Power Equipment	Provision / Installation / Testing / Adjustment of power generation systems	Architect / Engineer	General Contractor	GC / Electrical
6.03	Uninterruptible Power Supply (UPS) Equipment	Provision / Installation / Testing of Uninterruptible Power Supply (UPS) equipment to support MDF / IDF locations	AU OIT-Network Team	AU OIT-Network Team	AU OIT-Network Team

Technology Responsibility Matrix

7	Elevator Communication/ Area of Refuge				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
7.01	Premise Cabling	Cabling / grounding / support / cross-connection	Architect / Engineer	GC / Electrical	GC / Electrical

8	Blue Light Phone				
Item	**System**	**Scope**	**Design Responsibility**	**Procurement Responsibility**	**Construction Responsibility**
8.01	Blue Light Phone	Stanchion	Architect / Engineer/AU OIT	AU OIT-PM	AU OIT-Low Voltage Contractor
8.02	Blue Light Phone Wiring	Low voltage Cabling (not including Electrical wiring)	Architect / Engineer	AU OIT-Low Voltage Contractor	AU OIT-Low Voltage Contractor
8.03	Blue Light Phone Infrastructure	Conduit	Architect / Engineer	GC / Electrical	GC / Electrical
8.04	Blue Light Phone Camera	Camera/ Infrastructure/ Cabling	Architect / Engineer / AU Campus Security	*GC/ Security Contractor*	*GC/ Security Contractor*