ARR 100	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 101	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 102	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 206	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable tie, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 208	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 209	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 210	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 352	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 401	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor

ARR 452	Bill of Materials			
Item Number	QTY	Unit	Description	Supplied by
1	1	EA	EN 50155 Managed Gbps PoE Routing Switch-Viper-12A-PoE Series-3635-0720	ARRC
2	3	EA	EN 50155 Wi-Fi 6 Access Point, PoE PD Ibex-1510-T2G2.5-PoE NA Dual-3628-15112	ARRC
3	6	EA	CAB ASS SPUMA 240-FR-01 QMA-W STR MALE QMA-W STR MALE 2m-3623-0820	ARRC
4	1	EA	3629-0888 Antenna 3x3 Omni MIMO ANT-H-W2/5O6-Q3-T-w, TP -100-4500	ARRC
5	2	EA	ANTENNA WESTERMO ICL ROUND 5GHZ QMA-3623-0797	ARRC
6	1	EA	ABB SU202M-5A 2-Pole-DC Circuit Breaker (Installed by ARRC)	ARRC
7	As Needed	FT	12 AWG RHW-2-Power Cable	ARRC
8	As Needed	FT	Plenum rated Cat 6A Cable	Contractor
9	As Needed	EA	M12 Connectors	Contractor
10	As Needed	EA	Additional Installation Materials-Weatherproofing ,Wire mold, Cable ties, Labels, Mounting Hardware, Misc. Installation Materials	Contractor