Username : Tim Miller Added Date : 2018-02-09 15:58:19 -0500 Updated Date : 20

Username : Tim Miller Query Title = req list	Added Date : 2018-02-09 15:58:19 -0500 Query Desc =	Updated Date : 2018-02-09 15:58:19 -0500		TOTAL	\$105,461,688.93 HDI	VH \$59,810,773.7	/1 SMMH	\$45,650,915.2	4		
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost Acti	Project Maintenance ion Year Code	Project Recommendation Typ	e Project Risk Code	Project Priority	Requirement Description	Code Violation or Safety Category Issue
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Basement walls restoration.	REQN-12226	\$51,089.85	2017 Renewal Projects	Repair	High	3 - Asset Integrity - Type A - Imminent Breakdown	Repair the leaks in the mechanical room in the basement. The budget provided for the leak repair in the basement mechanical room includes the costs of the excavation, waterproofing, and the seal of the expansion joint. This budget is also to restore the front beam. Brick walls repair and restoration, including cleaning, replacement of the	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Repair/restoration of the brick walls at various locations.	REQN-12343	\$1,235,594.25	2017 Renewal Projects	Repair	High	3 - Asset Integrity - Type A - Imminent Breakdown	deteriorated or damaged bricks, jointing and repointing of the mortar, and cleaning of the concrete fascias. This budget is also to repair the deteriorated EIFS, asbestos siding, and cementitious exterior wall panels.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the exterior windows in 1974,1984 and east side wing.	REQN-12245	\$250,481.25	2017 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replace all the exterior windows in the 1974 and 1984 additions and the east side wing due to exceeding useful service life.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the remaining exterior windows.	REQN-12247	\$751,443.75	2031 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the remaining exterior windows at the end of service life. Replace the exterior doors in the 1964 building, the 1974 addition, and the penthouse due to exceeding useful life. This budget is also for the lock and	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement the exterior doors in 1964 building,1974 addition, and the penthouse. Replacement of the remaining exterior doors.	REQN-12286 REQN-12288	\$133,035.00 \$133,035.00	2017 Renewal Projects 2031 Renewal Projects	Replacement Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	key system. Replace the remaining exterior doors at the end of service life.	No NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the roof in the 1974, 1984 and 2006 additions. Replacement of the remaining roof.	REQN-12300 REQN-12302	\$1,101,660.00 \$1,652,490.00	2018 Renewal Projects 2035 Renewal Projects	Replacement Replacement	Low	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the roof in the 1974, 1984 and 2006 additions.	No NO
Muskoka Algonquin Healthcare	мизкока Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - wiuskoka riigoriquin neaintiarie - souuri muskoka wiemoriai Hospital site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement/Refurbishment the interior doors as needed throughout the building.	REQN-13886	\$331,857.45	2017 Renewal Projects	Replacement	High	5 - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the remaining roof at the end of service life. Replace/refurbish the deteriorated interior doors throughout the building. The lack of doors in the corridor to the conference room adjacent to the	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Dead end condition	REQN-393226	\$16,592.87	2017 Deferred Maintenance	Study Rec	High	4 - Asset Integrity - Type B - Program Coordination	library in the north 2000 building addition results in an apparent dead-end corridor condition. Replace the deteriorated casework, old washroom accessories, damaged	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the casework, washroom accessories, dumpers and the wall guards throughuout the building.	REQN-12339 REQN-12340	\$799,632.60 \$184,530.60	2017 Renewal Projects 2017 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	dumpers and the deteriorated wall guards throughout the building.	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the signage in the first and second floor. Replacement the remaining fittings.	REQN-14222	\$184,530.60 \$138,397.95	2017 Renewal Projects 2019 Renewal Projects	Replacement Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the old signage on the first and second floor. Replace the remaining fittings throughout the building.	NO NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the carpeting in the building except for the broadloom carpet. Replacement of the vinyf flooring throughout the building. Replacement of the carmic life in the building.	REQN-10830 REQN-12323 REON-12331	\$301,598.40 \$1,779,430.56 \$30,159.84	2018 Renewal Projects 2018 Renewal Projects 2018 Renewal Projects	Replacement Replacement Replacement	Medium High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the old carpeting in the building except for the broadloom carpet. This budget is also to repaint the deteriorated concrete paint. Replace the old vinyl flooring throughout the building. Replace the ceramic tile in the building at the end of service life.	No No No
			Replacement of the Ceramic the in the building. Replacement of the T-Bar in the first and second floor for 1974 addition.	REQN-12333	\$103,178.40	2017 Renewal Projects		Low		Replace the old T-Bar in the first and second floor for the 1974 addition.	No.
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the I-Bar in the first and second floor for 1974 addition. Seplacement of the ceiling throughout the building	REQN-12333 REQN-12334	\$103,178.40 \$412,713.60	2017 Renewal Projects 2017 Renewal Projects	Replacement Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the old 1-Bar in the first and second floor for the 1974 addition. Replace the old and deteriorated ceiling throughout the building. This budget is also to replace the old ACT in the lab of the first floor. Perform modernization of the passenger elevator at the end of useful	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Passenger elevator modernization.	REQN-7984	\$321,561.60	2018 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	service life. The modernization will likely require refurbishment of the elevator cabs, controls, motor/ hydraulics, wiring and changes required as per current code requirements. Perform modernization of three passenger elevators at the end of useful service life. The modernization will likely require refurbishment of the elevator cab, controls, motor/ hydraulics, wiring and changes required as	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Modernization of three passenger elevators.	REQN-7985	\$364,032.00	2025 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	per current code requirements. Replace the water closets, lavatories, urinals, showers and sinks due to end	NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the plumbing fixtures.	REQN-8004	\$1,644,800.00	2030 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	of useful life.	No
										required due to service life being reached or exceeded and excessive system maintenance is encountered. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the domestic water distribution system piping and accessories. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget. The investigations may include cut-sample lab inspection, ultrasonic survey or CCTV inspection. The upgrade/regard of the domestic water distribution system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise renovation planes of the	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Domestic water distribution system upgrades.	REQN-8029	\$1,366,006.40	2018 Renewal Projects	Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	asset.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Domestic water storage tanks replacement.	REQN-8084	\$384,189.30	2035 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the domestic water storage tanks is required at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Domestic water storage tanks replacement.	REQN-8036	\$76,837.86	2046 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the domestic water storage tanks at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Booster pumps replacement.	REQN-8037	\$102,450.48	2025 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the domestic water booster pumps at the end of useful service life.	. No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Sanitary waste piping upgrade.	REQN-8045	\$368,435.20	2018 Renewal Projects	Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	Repairs or upgrade of the sanitary waste distribution system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, sanitary systems require inspection and maintenance every thirty (20) in forty (40) years to identify pipe deterioration and blockages due to sludge accumulation. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tenative and should be updated based or additional investigations which should be performed from the operating budget and in conjunction with the rainwater systems investigations which is noted in D2040000 - Rain Water Discharge - General. The requirement can be split considering floor-west renovation plans of the asset. Repairs or upgrade of the rainwater discharge system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, rainwater discharge systems required inspection and maintenance every thirty (30) to forty (40) years to identify pipe deterioration and blockages due to sludge accumulation. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget and in conjunction with the sanitary waste systems investigations which is included in D2000000 - Sanitary Waste-General. The upgrade/repair of the systems ir economiended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise removations of each floor level and the requirement can be split considering floor-wise removations for each floor level and the requirement can be split considering floor-wise removations for each floor	y No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Rain water discharge system upgrades.	REQN-8055	\$156,255.75	2018 Renewal Projects	Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	asset.	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the water treatment systems. Replacement the hot water boilers and accessories.	REQN-8060	\$193,459.50 \$489.110.40	2025 Renewal Projects 2025 Renewal Projects	Replacement Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the water conditioning equipment at the end of useful service life. Replace the hot water boilers and accessories at the end of useful service life.	NO No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Heatincare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement the not water doilers and accessories. Heat exchanger replacement. Replacement the heating pumps.	REQN-8352 REQN-8353	\$489,110.40 \$60,384.00 \$166,056.00	2018 Renewal Projects 2018 Renewal Projects 2025 Renewal Projects	Replacement Replacement	Medium Medium	3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	Replace the heat exchangers at the end of useful service life. Replace the heating pumps at the end of useful service life.	No No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of steam boilers and accessories.	REQN-8354	\$386,457.60	2030 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the steam boilers and accessories at the end of useful service life. The deaerator and accessories shall be replaced at the end of useful service	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the deaerator and accessories. Replacement the main chiller. Replacement of the Main cooling tower.	REQN-8358 REQN-8292 REQN-8296	\$120,768.00 \$603,187.20 \$283,852.80	2030 Renewal Projects 2030 Renewal Projects 2030 Renewal Projects	Repair Replacement Replacement	Medium Medium Medium	S - Asset Integrity - Type C - Proactive Replacement - Asset Integrity - Type C - Proactive Replacement - Asset Integrity - Type C - Proactive Replacement	life. Replace the main chiller at the end of useful service life. Replace the main cooling tower at the end of useful service life.	No No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement the chilled and condenser water pumps.	REQN-8301	\$177,408.00	2025 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the chilled and condenser water pumps at the end of useful service life.	e No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the CT scanner chiller. Replacement of the cooling tower (CT 95-1).	REQN-8295 REON-8304	\$354,816.00 \$168,537.60	2035 Renewal Projects 2035 Renewal Projects	Replacement Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the CT scanner chiller at the end of service life. Replacement of the cooling tower (CT 95-1) is required at the end of service life.	e No
Muskoka Algonquin Healthcare	Muskoka Algoriquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the air handling units AHU S-1 to AHU S-4 and accessories.	REQN-8253	\$302,463.15	2018 Renewal Projects	Replacement	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the air handling units AHU S-1 to AHU S-4 and accessories at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the solarium rooftop unit and accessories.	REQN-8256	\$177,919.50	2021 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the solarium rooftop unit and accessories at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the AHU 95-1 to AHU 95-8 and accessories.	REQN-8266	\$1,209,852.60	2040 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the AHU 95-1to AHU 95-8 and accessories will be required at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the AHU-101 and Accessories.	REQN-8274	\$88,959.75	2045 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the AHU-101 and accessories will be required at the end of useful service life.	No
-											

						Project Maintenance	Project					Code Violation or Safety
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID F	Requirement Cost Ac	tion Year Code	Recommendation Type	Project Risk Code	Project Priority	Repair and/or replace the air distribution system components, such as		Issue
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Repair/replace the air distribution system components.	REQN-8167	\$649,577.48	2018 Renewal Projects	Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	ductwork, reheat coils, ceiling and wall diffusers, grilles, and other control mechanisms at the end of useful service life.		No
										Repairs or upgrade of the heating and cooling distribution piping is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the heating and cooling distribution piping and accessories. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget. The investigations may include cut-sample lab inspection, lutrasonic survey or CCTV inspection. The upgrade/repair is recommended to be performed in conjunction with the reprovations of each floor level and the requirement can be solf it considering	l	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Repair or upgrade of the hydronic piping.	REQN-8168	\$1,515,680.78	2018 Renewal Projects	Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	floor-wise renovation plans of the asset. Replacement of the exhaust fans will be required at the end of useful		No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Exhaust fans replacement. Ventilation system investigations to determine current condition and renewal needs.	REQN-8171	\$411,399.07 \$43,305.17	2030 Renewal Projects 2018 Renewal Projects	Replacement Study recommended	Medium Medium	5 - Asset Integrity - Type C - Proactive Replacement 7 - Discretionary	service life. Conduct additional investigations and upgrade to the ventilation system. There are areas within the facility where the ventilation is inadequate. A study should be performed to ensure that ventilation is adequate for the facility as a whole. This requirement is carried forward from the previous assessment as it does not seem to have been addressed.		No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the terminal and package units.	REQN-8157	\$260,426.25	2022 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the terminal and package units will be required due to end of useful service life.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Upgrade the control system.	REQN-8137	\$1,011,942.00	2040 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Upgrade of the control system will be required due to end of useful service life.		NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Standpipe system upgrades.	REQN-8104	\$156,255.75	2022 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Upgrade the standpipe system in conjunction with the sprinkler system upgrades. Periodic inspection, testing, and maintenance shall be continued as per the requirements of the Ontario Fire Code, NFPA 25, and all applicable by-laws. The requirement should be phased over several years based on the availability of areas and renovation plans.		NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of fire pump, jockey pumps and accessories.	REQN-8118	\$97,500.00	2037 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the fire pumps and accesorries at the end of useful service life.		NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Kitchen fire suppression system upgrade.	REQN-8122	\$90,000.00	2020 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Upgrade the wet chemical fire suppression system for the kitchen hood at the end of useful service life.		NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Electrical service and distribution system upgrade. Electrical Panels replacement.	REQN-8394 REQN-8395	\$1,964,358.00 \$176,792.22	2046 Renewal Projects 2018 Renewal Projects	Replacement Replacement	Low Low	5 - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown	Upgrade the main electrical service and distribution system for the building installed circa 2000. The replacement budget is tentative and the replacement/upgrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be adjusted based on the study findings. Replace the original electrical panels at the end of service life.		NO No
										Replace the original distribution panelboards "DP-5" and "DP-6E" at the end of service life to avoid the possibility of potential equipment failure, causing service disruption. The equipment is obsolete and spare parts are	i	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Panelboards replacement.	REQN-8396	\$58,930.74	2018 Renewal Projects	Replacement	Low	3 - Asset Integrity - Type A - Imminent Breakdown	no longer available		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Electrical distribution system upgrade.	REQN-8456	\$196,435.80	2018 Renewal Projects	Replacement	Low	3 - Asset Integrity - Type A - Imminent Breakdown	Upgrade the original distribution electrical system for the building. The replacement budget is tentative and the replacement/buggrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be adjusted based on the study findings. A short-circuit and coordination study followed by an art flash study should be conducted in order to identify the specific arc flash hazard and the arc flash protection boundary (the closest approach allowed before PEF must be worn) at any applicable piece of electrical distribution equipment within the facility. The study should be conducted according to the guidelines provided in CAS 4626-15 (Workpiace electrical afsety), and following the		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Perform an arc flash study and labeling.	REQN-8894	\$50,000.00	2017 Renewal Projects	Invasive testing recomm	e Medium	1 - Health and Life Safety	study, Arc flash warning signs should be installed on all applicable equipment.		YES
										Upgrade the interior lighting at the end of useful service life with energy efficient or Light Emitting Diode (LED) technology lighting. An audit of the lighting is recommended prior to the upgrade and the scope and budget should be updated accordingly. The recommended audit can determine the return on investment for upgrading to the newset technology and can		
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Upgrade the interior lighting at the end of useful service life. Replacement of the telephone wiring system.	REQN-8451 REQN-8410	\$822,946.95 \$255,961.80	2022 Renewal Projects 2025 Renewal Projects	Replacement Replacement	Low	6 - Energy Management 5 - Asset Integrity - Type C - Proactive Replacement	either justify the project or rule it out. Replace telephone wiring system at the end of service life.		NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Public address system upgrade/replacement	REQN-8433	\$372,037.50	2030 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace/upgrade the public address system at the end of service life. Replace the nurse call system. The system is obsolete and spare parts are		NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the nurse call system. Replacement of the master clock system.	REQN-8411 REQN-8413	\$337,500.00 \$96,000.00	2018 Renewal Projects 2025 Renewal Projects	Replacement Replacement	Low	3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	no longer available. Replace the master clock system at the end of useful service life. It is recommended to conduct a detailed audit, design and upgrade for the fire alarm system, as per the requirements of the Ontario Fire Code, NBC,		No NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Fire alarm audit, design and upgrade. Card access system upgrade/replacement.	REQN-8416 REQN-8421	\$531,269.55 \$163,696.50	2019 Renewal Projects 2042 Renewal Projects	Replacement Replacement	Medium Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	CAN/ULC S524 and all applicable codes and standards. Replace/upgrade the card access system at the end of service life.		No NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	UPS system replacement. Replacement of the emergency generator system.	REQN-8422 REQN-8431	\$52,500.00 \$342,000.00	2030 Renewal Projects 2030 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the UPS system at the end of service life. Replace the emergency power generator and other related equipment at the end of useful service life.		NO.
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	represents to the energency generator system. Medical gas and air system upgrade.	REQN-8069	\$1,041,705.00		Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	A placeholder budget is included in this requirement for any repairs or upgrades of the Medical air and gas systems. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget.	1	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Garbage compactor replacement.	REQN-8087	\$45,000.00	2030 Renewal Projects 2030 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the garbage compactor at the end of useful service life.		NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Loading dock equipment replacement. walk-in refrigerators/freezers replacement.	REQN-8088 REQN-8092	\$75,000.00 \$225,000.00	2022 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the loading dock equipment at the end of useful service life.		NO No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	walk-in-retrigerators/treezers replacement. Boofine - Deteriorated Roof Assembly			2030 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the walk-in refrigerators/freezers at the end of useful service life. Portions of the 2000 roof assembly over the 1964 building feel 'spongy' underfoot, and it appeared the roof assembly below may be saturated. It appears problems may stem from installation defects as well as a moisture survey performed that was unauthorized by Trenco, voiding roof warranty.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	nooning - Deteriorated Roof Asserting	REQ-73082	\$153,514.00	2010	перан		5 - Asset Integrity - Type C - Proactive Replacement	survey performed that was unauthorized by fremco, volding roor warranty. The broadloom carpet located throughout the 1st floor is aged, worn and beyond its useful life expectancy. Removal and replacement is warranted to	699	2
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Floor Finishes - Carpet Aged And Worn - 1st Floor	REQ-322494	\$147,414.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	maintain the visual appeal. The existing exit signs are beyond their BOMA life expectancy of 10 years	695)5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Emergency Light and Power Systems - Aged Exit Signs - 1st floor	REQ-78768	\$56,287.00	2013	Replacement		1 - Health and Life Safety	and they should be re lamped. The existing exit signs are beyond their BOMA life expectancy of 10 years	695	-5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Emergency Light and Power Systems - Aged Exit Signs - Basement floor	REQ-314875	\$10,385.00	2013	Replacement		1 - Health and Life Safety	and they should be re lamped. The existing exit signs are beyond their BOMA life expectancy of 10 years and they should be re lamped.	695	5
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Emergency Light and Power Systems - Aged Exit Signs - 2nd floor Domestic Water Distribution - Backflow Protection Lacking	REQ-314876	\$20,909.00 \$59,485.00	2013	Replacement Repair		Health and Life Safety Health and Life Safety	and they should be re lamped. The water main for stand pipe system to the building is lacking backflow protection as per the Ontario Building Code Article 7.6.2.2. Comments: "Note: Elevated temperatures will also reduce the life of the electrical equipment."		00
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Terminal & Package - Elevator Machine Room - Excessively Warm	REQ-314529	\$24,648.00	2014	Study recommended		3 - Asset Integrity - Type A - Imminent Breakdown	The elevator machine room located in room 1402 lacks cooling. This room seems to experience excessive warming due to heat emitted by the elevator machines in the room. High space temperature can cause the equipment to overheat and fall. Comments: Note: Elevated temperatures will also reduce the life of the electrical equipment."	69	99
Mushalia Alaasa 11 11 11 11	Markete Alexandra Healthan	Harrisel Maulala Alacania Halling and Salahan and Salahan	Branch Wiring Devices - Non-GFCI Outlet - at sinks	REO-314879	\$2,462.00	2012	Deale		1 - Health and Life Safety	Electrical receptacles located at sinks in few locations not equipped with ground fault circuit interrupter (GFCI) protection as required by NEC-2008 Edition - Article 210.8.		06
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	prancti wiring pevices - Non-orci Outlet - at SINKS	KEQ-3148/9	\$2,462.00	2013	Replacement	1	1 - Health and the Safety		696	-
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Emergency Light and Power Systems - Egress Lighting Aged	REQ-78816	\$13,750.00	2010	Replacement		1 - Health and Life Safety	The battery pack units for egress lighting are beyond their BOMA life expectancy of 10 years and they should be replaced.	695	15

Company													Code Violation
	Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost	Project Maintenance Code	Project Recommendation Type	Project Risk Code	Project Priority	Requirement Description C	Category	or Safety Issue
## 1955 1956	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Exterior Walls - Deteriorated Cementitious Panels	REQ-73084	\$89,586.00	2014	Repair		3 - Asset Integrity - Type A - Imminent Breakdown	are deteriorated and in some locations, broken, allowing water penetration.	69	99
March Marc		Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Exterior Windows - Aged Aluminium - ca. 1974	REQ-73079	\$587,710.00	2016	Replacement			inefficient.	69)5
	Mushala Alasania Hashbara	Musicale Alegania Healthoure Couth Musicale Magnetial City	Harrisel Manhala Alangaria Hashbarra Cauth Markela Managial Harrisel Cita	Interior Dears Considers Deard Food Constition	BEO 73133	\$7.0F7.00		Danais.		7 Discontinuos	library in the north 2000 building addition results in an apparent dead-end		0.7
								керап			The signage throughout the hospital on the 1st floor is aging, incomplete,	697	
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Fittings - Signage - Aging - 1st Floor	REQ-322495	\$25,667.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement		695	5
March Marc	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Fittings - Signage - Aging - 2nd Floor	REQ-322500	\$25,667.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	and does not meet the requirements for barrier-free design. The vinyl sheet flooring located throughout the 2nd floor is aged, worn and	69!	5
Company Comp	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Floor Finishes - Vinyl Floor Aged And Worn - 2nd Floor	REQ-322503	\$613,946.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	maintain the visual appeal. The vinyl sheet flooring located throughout the 1st floor is aged, worn and	69!	.5
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Floor Finishes - Vinyl Floor Aged And Worn - 1st Floor	REQ-322504	\$613,946.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	maintain the visual appeal.	69	15
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Floor Finishes - Concrete Finish Aged	REQ-73077	\$49,131.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	areas is aged and worn.	70	J2
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Floor Finishes - VCT Aged - Ground Floor	REQ-73083	\$94,098.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	worn, an deteriorated. Some areas appear to be ACM.	69	15
March Marc	Muckoka Algonquin Hoalthearn	Muskaka Managuin Haaltheara, South Muskaka Mamagial Harnital Sita	Harnital, Murkaka Alanguin Haaltheara, South Murkaka Mamarial Harnital Sita	Colling Finisher 2v4 ACT More (1974) 1st Floor	PEO 222409	\$19.561.00	2016	Raniscament		S. Accet Integrity. Type C. Proactive Penlacement	Removal and replacement of ceiling tile in all corridors on this floor is	60	ac
	wuskoka Algoriquiri Heartricare	Muskoka Algoriquiri neattricare - Soutri Muskoka Memoriar nospitar Site	nospitai - iviuskoka Aiguriquiri meatiticare - suutri iviuskoka ivienioriai nospitai site	Centing Printsines - 2x4 ACT WORT (1274) - 15t Froot	NEQ-322496	\$18,561.00	2016	Replacement		5 - Asset integrity - Type C - Proactive Replacement		092	3
											it's life expectancy and exhibits wear and staining at various locations.		
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Ceiling Finishes - 2x4 ACT Worn (1974) - 2nd Floor	REQ-322499	\$18,561.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	warranted to maintain the visual appeal of the interior ceiling finish.	69	15
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Ceiling Finishes - Aged 1x1 - 1st Floor	REQ-322502	\$47,746.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	deteriorated.	69	J5
											35 years old and defective, has exceeded the BOMA Building Systems		
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Elevators and Lifts - Hydraulic Passenger Elevator - Defective Aged	REQ-73339	\$320,717.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The majority of the existing domestic water distribution system was	695	5
											installed in 1964 and is approximately 45 years old. Although functional, the		
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Domestic Water Distribution - Piping Aged - 2nd Floor	REQ-314580	\$184,624.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement		69	∌ 5
											installed in 1964 and is approximately 45 years old. Although functional, the		
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Domestic Water Distribution - Piping Aged - Basement	REQ-314581	\$184,624.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	years for reliability.	69!	.5
											installed in 1964 and is approximately 45 years old. Although functional, the		
	Muskoka Algonouin Healthcare	Muskoka Aleonouin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Aleonguin Healthcare - South Muskoka Memorial Hospital Site	Domestic Water Distribution - Pining Aged - 1st Floor	REO-73340	\$184 624 00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	should be replaced. This system should be replaced within the next three	69	95
	mastoria rigoriquii riculticure	masona rigoriquir redicitare South masona memoriar rospital site	rooptui manona rigoriquii rediticare souti manona memoria riospitai site	Commente trace distribution in pinginger 24 mon	NEQ 73340	\$104,024.00	1010	reputeriere		5 roset megrity Type C Trouble reproduction			
											repairs made. Due to the age of the system and normal wear the system		
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Sanitary Waste - Gravity Discharge - Aging - 2nd Floor	REQ-314575	\$67,482.00	2016			5 - Asset Integrity - Type C - Proactive Replacement	Additionally, a failure could cause significant damage to the facility.	69	19
											will likely result is excessive maintenance and reliability is questionable.		
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Sanitary Waste - Gravity Discharge - Aging - Basement	REQ-314576	\$67,482.00	2016			5 - Asset Integrity - Type C - Proactive Replacement		699	9
											repairs made. Due to the age of the system and normal wear the system		
Second Column Second Colum	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Sanitary Waste - Gravity Discharge - Aging - 1st Floor	REQ-314577	\$67,482.00	2016			5 - Asset Integrity - Type C - Proactive Replacement	Additionally, a failure could cause significant damage to the facility.	69	19
											aged, more than 48 years old and nearing the end of its BOMA Building		
Processed of the processes of the proc											maintained properly, the systems have degraded in condition over the last		
Company Comp	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Rain Water Drainage - Aging - 1st Floor	REQ-314572	\$126,072.00	2016			5 - Asset Integrity - Type C - Proactive Replacement	The rainwater drainage systems on each roof were installed in 1964 and are	695	5
Note the part of the content of the part of the content of the part of the content of the part of th													
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Rain Water Drainage - Aging - 2nd Floor	REQ-314578	\$126,072.00	2016			5 - Asset Integrity - Type C - Proactive Replacement		69	95
According to the company of the comp											The full water dramage systems on each root were instance in 1504 and are		
Secretary for the budget and the control of the con													
In this paper with the second control and the segment information and the segment info	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Rain Water Drainage - Aging - Basement	REQ-314579	\$126,072.00	2016			5 - Asset Integrity - Type C - Proactive Replacement		69.5	5
And a figure failure. Seel Name Agreement failures House Agreement fa											and is aged, more than 50 years old and has exceeded the BOMA Building		
And a substantial program from the contract Agency and informative for the basis Agen											maintained properly, the system has degraded in condition over the last 50		
Section of the control of the contro	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - Aged Distribution Ductwork System - 1st. Floor	REQ-314752	\$442,939.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	and will require replacement.	69!	.5
Audited Agroups Healthcare South Made a Agroup Healthcare South Made a											and is aged, more than 50 years old and has exceeded the BOMA Building		
And the Appropria resultinates And the Appropria resultinates											maintained properly, the system has degraded in condition over the last 50		
Audiold Agengam Healthcare Medical Agengam Healthcare Me	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - Aged Distribution Ductwork System - 2nd. Floor	REQ-314753	\$428,246.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	and will require replacement.	69	5
Multidia Algonquin Healthcare South Multidia Algonquin Healthcare	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - North Wing Exhaust Fans - Aged	REQ-73337	\$163,572.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown		69	15
Useful file met should be a found from the method and program freshfurer. South Mucloida Algorogain Healthcare - South Mucloida Memorial Hoogatal Site branch Wing Equipment & Devices - Find of Ufer - ca 1964 Bayes - per 2003 ISSN A. A complete - Mucloida Algorogain Healthcare - South Mucloida Memorial Hoogatal Site branch Wing Equipment & Devices - Find of Ufer - ca 1974 Bayes - per 2003 ISSN A. A complete - Mucloida Algorogain Healthcare - South Mucloida Memorial Hoogatal Site branch Wing Equipment & Devices - Find of Ufer - ca 1974 Bayes - per 2003 ISSN A. A complete - Mucloida Algorogain Healthcare - South Mucloida Memorial Hoogatal Site Branch Wing Equipment & Devices - Find of Ufer - ca 1974 Bayes - per 2003 ISSN A. A complete - Mucloida Algorogain Healthcare - South Mucloida Memorial Hoogatal Site Branch Wing Equipment & Devices - Find of Ufer - ca 1974 Bayes - per 2003 ISSN A. A complete - Mucloida Algorogain Healthcare - South Mucloida Memorial Hoogatal Site Branch Wing Equipment & Devices - Find of Ufer - ca											The four air handling units installed in 1970 in north mechanical room are		
Audiola Algonquin Healthcare - South Musloal Alg											Useful Life and should be replaced. Although these units were upgraded in		
Austoia Algorquin Healthcare — South Muskola Alg											condition over the last 39 years, have internal rust and corrosion and will		
Musicia Algonquin Healthcare South Musicia Algo											acoustic panels and deteriorated internal component support steel were		
Muskoka Algonquin Healthcare Muskok	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - Central AHU Units - North Wing - Aged	REQ-73336	\$755,656.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	Branch circuit devices and wiring on this floor are original to the building	695	5
Franch Further Subskola Algonquin Healthcare Muskola Algonquin Healthcare See Integrity - Type C - Froactive Replacement Free existing yearns and rebyond their useful life of 30 years per 2003 stOAM. A complete replacement is recommended. Muskola Algonquin Healthcare See Integrity - Type C - Froactive Replacement Free existing yearns and rebyond their useful life of 30 years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of years per 2003 stOAM. A complete replacement is recommended of	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Branch Wiring Equipment & Devices - End of Life - ca 1964	REQ-78769	\$250,999.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	replacement is recommended.	69	15
Branch circuit devices and wird life class and an every devices. End of Life - ca 1984 Sanch Circuit devices and wird life of 30 years 2003 a0MA. A begind the floor are original Maskoka Algonquin Healthcare - South Muskoka Algonqu													
Auskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskok	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Branch Wiring Equipment & Devices - End of Life - ca 1974	REQ-78796	\$138,294.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement		69	5
The existing Nurse Call System is aged beyond the recommended useful ife cycle Mean. Replacement of the existing survey call System is aged beyond the recommended useful ife cycle Mean. Replacement of the existing survey with an every styre in a start series of the start survey of the start series of the	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Branch Wiring Equipment & Devices - End of Life - ca 1984	REQ-78794	\$15,714.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	and are beyond their useful life of 30 years per 2003 BOMA. A complete replacement is recommended.	69	35
recommended. Manufacturer no longer supports this system and replacement approach and a replacement approach approach approach approach approach approach and a replacement approach ap										·	The existing Nurse Call System is aged beyond the recommended useful life		
nursing for assistance. System is also used to call for trauma teams when Muskoka Algonquin Healthcare - South Muskoka Alg											recommended. Manufacturer no longer supports this system and		
The existing limited fire alarm system is at the end of it's BOMA rated	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Call Systems - Nurse Call System End of Life	REQ-486777	\$266,288.00	2016	Replacement		1 - Health and Life Safety	nursing for assistance. System is also used to call for trauma teams when	69	9 5
													T
	Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Fire Alarm System - Aged	REQ-78802	\$857,598.00	2013	Replacement		1 - Health and Life Safety		691	9

Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost	Action Year	Project Maintenance	Project Recommendation Type	Project Risk Code	Project Priority	Requirement Description	Category	Code Violation or Safety Issue
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Emergency Light and Power Systems - Emergency Lighting Aged	REQ-78810	\$9,108.00	2	1013	Replacement		1 - Health and Life Safety	The battery pack units for egress lighting are beyond their BOMA life expectancy of 10 years and they should be replaced.	69	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Equipment and Furnishings - Casework Aged	REQ-73078	\$201,511.00	2	016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	Wood and plastic laminate casework in portions of the 1964 building and 1984 wing is aged and worn.	70	-
											Inadequate roof drainage is partially responsible for the deteriorating condition of the roof strata over the 1st Floor. Roof drains are too high in areas and water is setting on the roof surface in those areas. The quantity		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Rain Water Drainage - Inadequate Roof Drains	REQ-314527	\$45,140.00	2	013	Repair		1 - Health and Life Safety	of roof drains appears inadequate. Comments: "Note: Elevated temperatures will also reduce the life of the electrical equipment." The dual isolation rooms on the 2nd floor are non compliant per CSA	69	4
											The dual isolation rooms on the znd noor are non compilant per LSA 2317.2-01 Article 6.11.5 These are to be maintained yet upgraded to isolation room standards. Comments: "Note: Elevated temperatures will		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - Isolation Rooms Not Code Compliant	REQ-314530	\$77,844.00	2	2013	Replacement		1 - Health and Life Safety	also reduce the life of the electrical equipment."	70	
											The chiller system is comprised of a 380 RT and 100 RT units. Should the bigger unit fall, the smaller unit is not sized to adequately provide cooling to the Class 1 areas of the facility. This is required per CSA317.2-01 which states that in article 6.4 - "The cooling plant shall be able to provide for the higher of 50% of the design day peak load or 100% of Class 1 area design	2	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Cooling Generating Systems - Centrifugal Chiller - Lacks Redundancy	REQ-314534	\$455,332.00	2	013	Replacement		1 - Health and Life Safety	day peak load with the largest unit out of service." The nitrous oxide storage room lacks dedicated exhaust system and leak	69	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - Nitrous Oxide Room - Lacks Dedicated Exhaust System	REQ-314571	\$87,664.00	2	013	Replacement		1 - Health and Life Safety	monitoring system such as visible and audible alarm required by CSA Standard CAN/CSA-Z305.1.	69	
											Facility areas needing a secure environment do not have a security system on doors, windows on the perimeter or motion detectors if an intruder was able to enter the space after hours. Currently there are no electronic means to prevent unauthorized entry to the building except few card readers and no surveillance cameras. Based on conversations with staff personnel, it is	ns I	
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Security System - Lacking EXTERIOR ENCLOSURE - B20 / Exterior walls	REQ-314882 REQN-1789	\$22,092.00 \$20,000.00	2	016 Deferred Maintenance	Study recommended Repair	Medium	7 - Discretionary 3 - Asset Integrity - Type A - Imminent Breakdown	recommended that the security system be upgraded.	70	mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	SITE IMPROVEMENTS - G20 / Main water lines INTERIOR FINISHES - C30 / Plumbing fixtures - 1st floor washrooms	REQN-1799 REQN-1812	\$60,000.00 \$1,120,000.00	2	016 Renewal Projects	Repair Replacement	Low Medium	5 - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown	N/A	$\pm \equiv$	mm mm mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	INTERIOR FINISHES - C30 / Plumbing fixtures - 2 nd floor washrooms PLUMBING - D20 / Hot water lines	REQN-1815 REQN-1823	\$2,280,000.00 \$100,000.00	2	016 Renewal Projects	Replacement Replacement	Medium High	3 - Asset Integrity - Type A - Imminent Breakdown 1 - Health and Life Safety	N/A	$\pm \pm$	
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	EQUIPMENT - E10 / Diesel fuel back-up EQUIPMENT - E10 / Diesel fuel back-up	REQN-1848 REQN-1854	\$26,000.00 \$26,000.00	2	2016 Renewal Projects 2016 Renewal Projects	Replacement Replacement	Low	6 - Energy Management 6 - Energy Management		#	mm mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	SITE IMPROVEMENTS - 620 / Roof replacement EXTERIOR ENCLOSURE - B20 / Exterior siding EXTERIOR ENCLOSURE - B20 / Abate asbestos siding	REQN-1860 REQN-1862 REQN-1867	\$80,000.00 \$25,000.00 \$60,000.00	2	2016 Renewal Projects 2016 Deferred Maintenance 2016 Renewal Projects	Replacement Replacement Replacement	Low Medium	6 - Energy Management 3 - Asset Integrity - Type A - Imminent Breakdown 1 - Health and Life Safety	N/A N/A	#	mm mm mm mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	OTHER SITE CONSTRUCTION - 690 / Front beam restoration HVAC - D30 / Distribution Systems - Morgue room not code compliant	REQN-1871 REQN-1878	\$12,000.00 \$100.000.00		2016 Renewal Projects 2016 Renewal Projects 2016 Deferred Maintenance	Replacement Replacement	High Medium High	3 - Asset Integrity - Type A - Imminent Breakdown 2 - Code Compliance and Legislative Requirements	N/A	#	mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	HVAC - D30 / Distribution Systems - Booster Fan HVAC - D30 / Distribution System - Heating Coils	REQN-1883 REQN-1888	\$20,000.00 \$15,000.00	2	016 Renewal Projects	Repair Repair	Low	6 - Energy Management 6 - Energy Management			mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	INTERIOR FINISHES - C30 / Nursing Stations EQUIPMENT - E10 / Distribution System - Boiler	REQN-1892 REQN-1896	\$100,000.00 \$30,000.00	2	016 Renewal Projects	Replacement Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 6 - Energy Management		#	mm mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	EQUIPMENT - E10 / Vacuum Pump HVAC - D30 / Distribution Systems - Heating Valves	REQN-1897 REQN-1902	\$120,000.00 \$24,000.00	2	016 Deferred Maintenance 016 Renewal Projects	Replacement Replacement	High Low	2 - Code Compliance and Legislative Requirements 6 - Energy Management			mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	HVAC - D30 / Distribution Systems - Heating Valves EXTERIOR ENCLOSURE - B20 / Exterior Doors HVAC - D30 / Distribution Systems - HVAC Controls	REQN-1906 REQN-1910	\$28,000.00 \$10,000.00	2	1016 Renewal Projects 1016 Renewal Projects	Replacement Replacement	Low Medium	5 - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown		1	mm mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	EQUIPMENT - E10 / lock and key system	REQN-1914	\$150,000.00	2	1016 Renewal Projects	Replacement	High	1 - Health and Life Safety	N/A The painted wall finishes throughout the 2nd floor and stairwells are aged	+	mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Wall Finishes - Painted Finishes Worn - 2nd Floor	REQ-322496	\$363,476.00	2	016	Repair		5 - Asset Integrity - Type C - Proactive Replacement	and worn. Repaint is warranted. The painted wall finishes throughout the 1st floor and stairwells are aged	70	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Wall Finishes - Painted Finishes Worn - 1st Floor	REQ-322501	\$363,476.00	2	016	Repair		5 - Asset Integrity - Type C - Proactive Replacement	and worn. Repaint is warranted.	70	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Lighting Equipment - Lighting Fixtures - ca 1964 - Aged	REQ-78798	\$50,614.00	2	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	Approximately 20% of the lighting for the facility interior has not been upgraded and is beyond their expected life and require replacement.	69	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare – South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Communications and Security ? Fire Alarm System Lacks Visual Alarm Devices	REQ-314881	\$53,080.00	2:	013	Repair		1 - Health and Life Safety	There is presently only audible fire alarm devices installed. Current Ontario Building Code 3.2.4.20 requires visual (strobe) by fire laarm devices in addition to audible notification. It is recommended that combination audible/ visual devices be installed on each floor and connected to the mair fire alarm system to all the acknowledgement of a fire alarm for the hearing impaired. Presently emergency lighting is provided as per NBC Section 9.9.11.3 in designated means of egress through emergency generator. Sattery packs need to be provided in all electrical and mechanical crowns to compensate need to be provided in all electrical and mechanical crowns to compensate		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Emergency Light and Power Systems - Battery Pack Lights Non-Existent	REQ-314878	\$18,445.00	2	013	Repair		1 - Health and Life Safety	for the time delay associated with generator start-up. There are water distribution piping pass over electrical equipment in the	69	
						_					North Mechanical room. This could cause a danger or risk in terms of water leakage into the units. Comments: "Note: Elevated temperatures will also reduce the life of the electrical equipment."		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Domestic Water Distribution - Piping Traverses Over Electrical Equipment	REQ-314526	\$7,620.00	2	013	Repair		1 - Health and Life Safety	reduce the life of the electrical equipment. The storage tank located in the north penthouse has been abandoned in place. Comments: "Note: Elevated temperatures will also reduce the life of	69	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution System - Abandoned Storage Tank	REQ-314531	\$1,186.00	1		Repair		7 - Discretionary	the electrical equipment." The server closet does not have adequate cooling to ensure the excessive	70	1
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Terminal & Package - LAN Room - Excessively Warm	REQ-314532	\$24,648.00	2	2014	Study recommended		3 - Asset Integrity - Type A - Imminent Breakdown	heat build up doesn't diminish equipment performance. CSR Decontamination experiences a high humidity floor from inadequate	69	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Distribution Systems - High Humidity Floors - CSR Decontamination	REQ-314533	\$50,105.00) 2:	2013	Repair		1 - Health and Life Safety	exhaust. The area utilizes washers for equipment that discharge moisture into the room. Aside from an unacceptable comfort floor, the high moisture floor may potentially lead to mould formation on exposed surfaces. Comments: "Note: Elevated temperatures will also reduce the life of the electrical equipment."		
											Abandoned abator, with associated parts located in the penthouse needs to be removed. The equipment is rutting and taking up space that could be	٥	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Abator - Abandoned Equipment	REQ-314756	\$3,101.00			Repair		7 - Discretionary	used for storage.	70	<u> </u>
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Pumps and Piping - Lower MER - Abandoned	REQ-314757	\$7,277.00			Repair		7 - Discretionary	Abandoned pumps, with associated parts located in the lower mechanical room needs to be removed. The equipment is rutting in place and taking up space that could be used for other hospital purposes. Provide exterior weatherproof GFC protected receptacle within 25ft of exterior Roof HVAC equipment, as required by NEC-2008 Edition - Article	70	
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Branch Wiring Devices - Lacking GFCI Outlet at Roof HVAC Units EQUIPMENT - E10 / Cat Scan machine	REQ-314880 REQN-1804	\$3,033.00 \$200,000.00		1016 Renewal Projects	Repair Repair	Medium	7 - Discretionary 3 - Asset Integrity - Type A - Imminent Breakdown	210.63.	69	mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	ELECTRICAL - D50 / Switch gears obsolete HVAC - D30 / Emergency back up generator	REQN-1837 REQN-1876	\$500,000.00 \$25,000.00	2	1016 Renewal Projects 1016 Renewal Projects	Replacement Replacement	Medium High	3 - Asset Integrity - Type A - Imminent Breakdown 1 - Health and Life Safety		丰	mm mm mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	EQUIPMENT - E10 / Containment Tanks	REQN-1894	\$5,000.00	2	016 Renewal Projects	Replacement	Medium	3 - Asset Integrity - Type A - Imminent Breakdown		+-	mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Site Components - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement the asphalt near the main entrance. Replacement the asphalt.	REQN-12703 REQN-15079	\$171,612.00 \$229,443.90		2019 Renewal Projects 2019 Renewal Projects	Replacement Replacement	Medium Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the asphalt near the main entrance at the end of service life. Replace the asphalt as needed at the end of useful life. Replace or upgrade the exterior lighting with light-emitting diode (LED)	#	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Site Components - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replace or upgrade the exterior lighting. SITE IMPROVEMENTS - G20 / Exterior Lights	REQN-9073 REQN-2124	\$180,000.00 \$40,000.00		2022 Renewal Projects	Replacement Replacement	Low	6 - Energy Management	Replace or upgrade the exterior lighting with light-emitting diode (LED) fixtures at the end of service life. N/A	+	No mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Heatincare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Site Components - Muskoka Algonquin Heathcare - South Muskoka Memorial Hospital Site Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	SHE IMPROVEMENTS - GZO/ Exterior Lights Replacement of the metal panels of the building. Replacement all of the exterior windows.	REQN-15080 REQN-12677	\$268,191.00 \$7,792.50	2	016 Renewal Projects 046 Renewal Projects 029 Renewal Projects	Replacement Replacement	Low	6 - Energy Management 5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	N/A Replac the metal panels at the end of useful life. Replace all of the exterior windows at the end of service life.	#	No NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of all the exterior doors.	REQN-12680	\$7,602.00	2	2029 Renewal Projects 2029 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace all of the exterior doors at the end of useful life. Replace the carpet flooring throughout the building due to exceeding usefu	ul	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the carpet flooring throughout the building.	REQN-12681	\$22,496.00		1018 Renewal Projects	Replacement	Low	3 - Asset Integrity - Type A - Imminent Breakdown	service life. Replacement of the package unit will be required due to end of useful	+	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare – South Muskoka Memorial Hospital Site	Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of the package unit.	REQN-8469	\$13,500.00	2	2025 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	service life. Upgrade the interior lighting at the end of useful service life with energy efficient or Light Emitting Diode (LED) technology lighting. An audit of the lighting is recommended prior to the upgrade and the scope and budget		No
Musicala Alexandia III-lib	Made le Alexania Healthone Court M. C.	Madular Office Building Madular Alexandria II 11 11 11 11 11 11 11 11 11 11 11 11	Harvada Aha interior limbility at the and of usef 1 and 15	2504 2325	******		IONE Demonstration	Realessons -		E Asset Intensity, Type C Committee Control	should be updated accordingly. The recommended audit can determine the return on investment for upgrading to the newest technology and can show itself the project of a party is the state.	-	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Modular Office Building - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Upgrade the interior lighting at the end of useful service life. Replacement of the telephone wiring system.	REQN-9306 REQN-8822	\$6,138.30 \$2,386.50 \$14,092.00	2	1028 Renewal Projects 1023 Renewal Projects	Replacement Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	either justify the project or rule it out. Replace the telephone wiring system at the end of service life. The carpet in the building is aging, and stained.	#=	NO NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Storage Garage - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Floor Finishes - Aged Carpet Replacement the metal panels. Replacement of all exterior doors.	REQ-73171 REQN-15081 REQN-12843	\$14,092.00 \$92,589.75 \$13,303.50	2	016 Renewal Projects	Replacement Replacement Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	The carpet in the building is aging, and stained. Replace the metal panels at the end of useful life. Replace all exterior doors at the end of useful life.	10.	No NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Storage Garage - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Storage Garage - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement of all exterior doors. Replacement of the roof covering.	REQN-12843 REQN-12849	\$13,303.50 \$42,381.15	2	2028 Renewal Projects 2018 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the roof coverage at the end of useful life.		No

Hospital Corporation Muskoka Algonquin Healthcare	Site Name Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	ASSET Name Storage Garage - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Requirement Name Roofing - Asphalt Shingle - Aged	Requirement ID	Requirement Cost Acc \$10,128.00	Project Maintenance tion Year Code	Project Recommendation Type Replacement	Project Risk Code	Project Priority 5 - Asset Integrity - Type C - Proactive Replacement	Requirement Description Cate Deterioration of the asphalt shingle roof is evident.	Code Viola or Sa egory Issue
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Storage Barn - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Storage Barn - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement the wood panels. Replacement the exterior window.	REQN-15082 REQN-14249	\$40,000.00 \$2,250.00	2017 Renewal Projects 2017 Renewal Projects	Replacement Replacement	High High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the wood panels. Replace the exterior windows due to exceeding useful service life.	No No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Storage Barn - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site Storage Barn - Muskoka Algonquin Healthcare - South Muskoka Memorial Hospital Site	Replacement the exterior door. Replacement the roof coverage.	REQN-14251 REQN-14250	\$3,750.00 \$18,648.00	2017 Renewal Projects 2027 Renewal Projects	Replacement Replacement	High Low	3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	Replace the deteriorated exterior door. Replace the roof coverage at the end of useful life.	No No
										Brick wall repair and restoration, including cleaning, replacement of the deteriorated or damaged bricks, jointing and repointing of the mortar, and	
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/restoration of the brick walls at various locations. Replacement/Refinishing the wood soffits.	REQN-11675 REQN-15019	\$351,202.50 \$70,240.50	2018 Renewal Projects 2017 Deferred Maintenance		High High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	cleaning of the concrete fascias. Replace/refinish the deteriorated wood soffits.	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement the exterior windows throughout the building.	REQN-11503	\$648,787.50	2018 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the original exterior windows throughout the building. Replace the overhead doors at the ambulance garage bays and loading bay	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the overhead doors in the loading bay and ambulance garage bay. Replacement of the remaining exterior doors.	REQN-11615 REQN-11617	\$44,250.00 \$44,250.00	2017 Renewal Projects 2026 Renewal Projects	Replacement Replacement	High Medium	3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	due to end of useful life. Replace the remaining exterior doors at the end of service life.	No NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the steel doors.	REQN-11628 REON-11619	\$53,100.00 \$2,889,600.00	2017 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the deteriorated steel exterior doors due to exceeding useful service life.	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the roof covering. Replacement the interior doors throughout the building.	REQN-11619	\$2,889,600.00	2031 Renewal Projects 2017 Renewal Projects	Replacement Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the remaining roof covering at the end of service life. Replace the deteriorated interior doors throughout the building.	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the casework, signage, and washroom accessories on the ground, first, and second floor.	REQN-11623	\$1,523,865.60	2017 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the deteriorated casework on the ground floor and second floor, old washroom accessories, as well as the signage. The budget allows replacing the remaining fittings in the building at the end	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the remaining fittings in the building.	REQN-11745	\$214,293.60	2018 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	of service life. Replace the deteriorated vinyl flooring on the first and second floor, also in	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the vinyl flooring throughout the building.	REQN-11667	\$904,795.20	2018 Renewal Projects	Replacement	High	5 - Asset Integrity - Type C - Proactive Replacement	the original building, at the end of service life. Replace the carpet flooring in the administrative office areas, meeting	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement the carpet flooring throughout the building.	REQN-11669	\$603,196.80	2018 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	spaces, and on-call areas. Replace the ceramic tiles in the entry area, gift shop, and some toilet and	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the ceramic tile and repaint the concrete.	REQN-11672	\$301,598.40	2018 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	tub rooms and repaint the concrete in the mechanical rooms, maintenance areas, and garage.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the remaining floor finishing in the first and second floor.	REQN-11998	\$452,397.60	2020 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the remaining floor finishing on the first and second floor at the end of service life.	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement the asbestos flooring throughout the building. Replacement of the ceiling throughout the building.	REQN-393396 REQN-14213	\$603,196.80 \$825,427.20	2017 Renewal Projects 2019 Renewal Projects	Replacement Replacement	High Medium	1 - Health and Life Safety 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the asbestos flooring throughout the building. Replace the deteriorated ceiling throughout the building.	No No
										Perform modernization of the passenger elevators at the end of useful service life. The modernization will likely require refurbishment of the	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Passenger elevator modernization.	REQN-9215	\$212,670.00	2018 Renewal Projects	Replacement	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	elevator cabs, controls, motor/hydraulics, wiring and changes required as per current code requirements.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the plumbing fixtures.	REQN-9344	\$1,318,400.00	2018 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the water closets, lavatories, showers and sinks due to end of useful life.	No
										Repairs or upgrade of the domestic water distribution system is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the domestic water distribution system plping and accessories. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget. The investigations may include cut-sample lab inspection, ultrasonic survey or CCTV inspection. The upgrade/repair of the domestic water distribution system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise renovation plans of the	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic water distribution system upgrades.	REQN-9378	\$718,548.60	2025 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Asset. Replacement of the domestic water tank will be required at the end of	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic water storage tank and accessories replacement. Domestic water heater replacement.	REQN-9381 REQN-9383	\$36,953.93 \$92,384.82	2038 Renewal Projects 2025 Renewal Projects	Replacement Replacement	Medium Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	useful service life. Replace the domestic water heater at the end of useful service life.	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the domestic water booster pumps.	REQN-9384	\$82,119.84	2018 Renewal Projects	Replacement	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the domestic water booster pumps located in the basement at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Sanitary waste piping upgrade.	REQN-9391	\$221,491,20	2019 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Repairs or upgrade of the sanitary waste distribution system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, sanitary systems require inspaction and maintenance every thirty (30) to forty (40) years to identify pipe deterioration and blockages due to studge accumulation. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget and in conjunction with realismater systems investigations which is noted in D2040000. Pain Water Discharge - General. The requirement can be split crosidering floor-weige renovation plans of the Asset.	NO
					ALLEGA					Repairs or upgrade of the rainwater discharge system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Pytically, rainwater discharge systems require inspection and maintenance every thirty (30) to forty (40) years to identify fingle deterioration and blockages due to sudge accumulation. A placeholder budget and action year are included in this requirement for any regairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget and in conjunction with the sanitary waste systems investigations which is included in D2030000 - Sanitary Waste-General. The lappradicepair of the system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise removation plans of the	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Rain water discharge system upgrades. Water conditioning equipment replacement.	REQN-9397 REON-9419	\$156,255.75 \$193,459.50	2019 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the water conditioning equipment at the end of websit conincide	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	water conditioning equipment replacement. Replacement of steam boiler # 3, deaerator and accessories.	REQN-9419	\$193,459.50	2025 Renewal Projects 2018 Renewal Projects	Replacement Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the water conditioning equipment at the end of useful service life. Replace boiler #3, deaerator and accessories at the end of useful service life.	No.
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Heaithcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of steam polier # 3,deaerator and accessories. Replacement of hot water boilers.	REQN-356639	\$439,913.76	2018 Renewal Projects 2018 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	ire. Replace the hot water boilers at the end of useful service life. Replace the hot water and condensate water pumps at the end of useful	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of hot water and Condensate water pumps. Replacement of terminal unit pumps.	REQN-9527 REQN-9534	\$103,152.19 \$45,508.32	2026 Renewal Projects 2032 Renewal Projects	Replacement Replacement	Medium Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	service life. Replace the terminal unit pumps at the end of useful service life.	No
Muskoka Algonquin Healthcare	rigoriquii ricontinore riumaviile District ivielinoriai riospital Site	TOTAL TRANSPORT TO THE PROPERTY OF THE PROPERT	compromessibility to territoris some principals	NEQ18-3334	,J00.32	2002 Inchewal Projects	reputernettt			Remove the heat recovery system from the facility. The heat recovery system with associated piping and circulating pumps have been abandoned	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Remove the heat recovery system from the facility. Abandoned. Replacement of the chiller.	REQN-9654 REQN-9580	\$15,169.44 \$498,960.00	2018 Renewal Projects 2040 Renewal Projects	Replacement Replacement	Medium Low	3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	in place. Replace the chiller at the end of useful service life.	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of cooling tower and condensing units.	REQN-9583	\$232,848.00	2033 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the cooling tower and condensing units are required at the end of service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replace and provide back up of chilled and condenser water pumps.	REQN-9586	\$72,072.00	2018 Renewal Projects 2037 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the chilled and condenser water pumps at the end of useful service life and provide two (2) back up pumps.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of terminal unit pumps.	REQN-9600	\$51,004.80		Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the terminal unit pumps at the end of useful service life.	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of air handling unit (AHU#1). Rooftop units replacement.	REQN-9614 REQN-9615	\$223,495.30 \$400,656.22	2018 Renewal Projects 2033 Renewal Projects	Replacement Replacement	Medium Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the air handling unit (AHU#1) at the end of useful service life. Replace the rooftop units at the end of useful service life.	NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/replace the air distribution system components.	REQN-9466	\$649,577.48	2029 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Repairs and/or replacement of the air distribution system components, such as ductwork, reheat coils, ceiling and wall diffusers, grilles, and other control mechanisms at the end of useful service life.	No

											Code
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost Act	Project Maintenance tion Year Code	Project Recommendation Type	Project Risk Code	Project Priority	Requirement Description Ca	violation or Safety tegory Issue
										Repairs or upgrade of the heating and cooling distribution piping is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the heating and cooling distribution piping and accessories. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget. The investigations may include cut-sample lab inspection, ultrasonic survey or CCTV inspection. The uuggrade/repair is recommended to be performed in conjunction with the revovations of each floor level and the requirement can be split considering	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair or upgrade of the hydronic piping.	REQN-9467	\$1,515,680.78	2018 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	floor-wise renovation plans of the Asset. Replacement of the exhaust fans will be required at the end of useful	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exhaust fans replacement.	REQN-9469	\$433,051.65	2018 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	service life. Replace the glycol distribution system components including the glycol	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Clycol distribution system components replacement.	REQN-356652	\$108,262.91	2026 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	pump, heat excahngers and tanks at the end of service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Ventilation system investigations to determine current condition and renewal needs.	REQN-9633	\$43,305.17	2018 Renewal Projects 2019 Renewal Projects	Study recommended	Medium	7 - Discretionary	Conduct additional investigation and upgrade on the ventilation system. There are areas within the facility where the ventilation is inadequate. A study should be performed to ensure that ventilation is adequate for the facility as a whole. This requirement is carried forward from the previous assessment as it does not seem to have been addressed.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/Upgrade Perimeter heating units and unit heaters.	REQN-9457	\$694,470.00		Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	Repair/Upgrade perimeter heating units and unit heaters.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Split Air conditioning unit replacement.	REQN-9464	\$9,375.34	2022 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the split air conditioning unit at the end of useful service life.	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the pneumatic control system. Sprinkler Upgrades as per directive from Ontario Fire Marshall via Ontario Regulation 150/13 before January 1, 2025.	REQN-9429 REQN-9273	\$505,971.00 \$1,120,000.00	2019 Renewal Projects 2019 Renewal Projects	Replacement	Medium	S - Asset Integrity - Type C - Proactive Replacement S - Asset Integrity - Type C - Proactive Replacement	The control system shall be converted to an electronic control system. Fully sprinkler the building as per the directive from Ontario Fire Marshall via Ontario Regulation 150/13 before January 1, 2025. The budget is presented as a lump sum with action year as 2020 to allow sufficient time to complete the upgrades. A tentative budget should be allocated from the operating budget for the 'Study' & design' of the sprinkler system. The requirement can be phased over several years based on the availability of areas and removation plans.	NO No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	The server room shall be provided with a fire suppression system.	REQN-9324	\$45,626.68	2018 Renewal Projects	Replacement	High	5 - Asset Integrity - Type C - Proactive Replacement	The server room has no sprinkler system. Sprinkler the server room as per the directive from Ontario Fire Marshall via Ontario Regulation 150/13 before January 1, 2025. The budget is presented as a luny sum with action year as 2020 to allow sufficient time to complete the upgrades. A tentative budget should be allocated from the operating budget for the 'Study & design' of the sprinkler system. The requirement can be phased over several years based on the availability of areas and renovation plans. Upgrade the standpipe system in conjunction with the sprinkler system upgrades. Periodic inspection, testing, and maintenance shall be continued	No
										as per the requirements of the Ontario Fire Code, NFPA 25, and all applicable by-laws. The requirement should be phased over several years	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Standpipe system upgrades.	REQN-9281	\$7,245.00	2029 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	based on the availability of areas and renovation plans. Upgrade the wet chemical fire suppression system for the kitchen hood at	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Kitchen fire suppression system upgrade.	REQN-9311	\$37,500.00	2031 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	the end of useful service life. Upgrade the electrical service and distribution system for the building installed circa 1976. The replacement budget is tentative and the replacement/upgrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical service and distribution system upgrade.	REQN-8896	\$1,361,657.25	2026 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	adjusted based on the study findings. Upgrade the electrical service and distribution system for the building	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical service and distribution system upgrade. Perform an arc flash study and labeling.	REQN-8898	\$816,994.35	2046 Renewal Projects 2017 Renewal Projects	Replacement Invasive testing recomm	Low	5 - Asset Integrity - Type C - Proactive Replacement 1 - Health and Life Safety	installed circa 2003. The replacement budget is tentative and the replacement/upgrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be adjusted based on the study findings. A short-circuit and accordination study followed by an arc flash study should be conducted, in order to identify the specific arc flash hazard and the arc flash protection boundar, (the closest approach allowed before PEF must be worn) at any applicable piece of electrical distribution equipment within the facility. The study should be conducted according to the guidelines provided in CSA 262-15 (Workplace Electrical Safety), and following the study, Arc flash warning signs should be installed on all applicable equipment.	NO No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the electrical service and distribution feeder cables.	REQN-8955	\$544,662.90	2017 Renewal Projects	Repair	Medium	1 - Health and Life Safety	Upgrade the electrical service and distribution feeder cables. The replacement budget is tentative and the replacement/upgrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be adjusted based on the study findings. Upgrade the interior lighting at the end of useful service life with energy efficient or Light Emitting Diode (LED) technology lighting. An audit of the lighting is recommended prior to the upgrade and the scope and budget should be updated accordingly. The recommended audit can determine the return on investment for upgrading to the newest technology and can	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the interior lighting at the end of useful service life. Replacement of the telephone wiring system.	REQN-8906 REQN-8911	\$822,946.95 \$342,274.50	2022 Renewal Projects 2037 Renewal Projects	Replacement Replacement	Low	6 - Energy Management 5 - Asset Integrity - Type C - Proactive Replacement	either justify the project or rule it out. Replace telephone wiring system at the end of service life.	NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Public address system upgrade/replacement Replacement of the purse call system	REQN-8915 REQN-8919	\$270,843.30 \$270,000.00	2030 Renewal Projects	Replacement Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace/Upgrade the public address system at the end of service life.	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the nurse call system. Fire alarm audit, design and upgrade.	REQN-8929	\$531,269.55	2041 Renewal Projects 2025 Renewal Projects	Replacement	Low	S - Asset Integrity - Type C - Proactive Replacement S - Asset Integrity - Type C - Proactive Replacement	Replace the nurse call system at the end of service life. It is recommended to conduct a detailed audit, design and upgrade for the fire alarm system, as per the requirements of the Ontario Fire Code, NBC, CAN/ULC SS24 and all applicable codes and standards.	No No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Card access system upgrade/replacement. Lightning protection system replacement.	REQN-8938 REQN-8941	\$256,410.00 \$112,500.00	2035 Renewal Projects 2017 Renewal Projects	Replacement Replacement	High	5 - Asset Integrity - Type C - Proactive Replacement 1 - Health and Life Safety	Replace/upgrade the card access system at the end of service life. Replace the lightning protection system due to end of service life. Replace the emergency power generator, and other related equipment at	NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the emergency generator system.	REQN-8946	\$228,000.00	2024 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the emergency power generator and other related equipment at the end of useful service life. A placeholder budget is included in this requirement for any repairs or upgrades of the medical air and gas systems. The scope, budget, and implementation time frame in this requirement is tentative and should be	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Medical gas and air system upgrade.	REQN-9267	\$947,951.55	2032 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	updated based on additional investigations which should be performed from the operating budget.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of medical vacuum pumps.	REQN-9266	\$93,753.45	2042 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the medical vacuum pumps at the end of useful service life.	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Loading dock equipment replacement. Walk-in-cooler replacement. Fittings - Wall Wood Rails - Aged Finish	REQN-9235 REQN-9245 REQ-73529	\$37,500.00 \$112,500.00 \$18,436.00	2018 Renewal Projects 2018 Renewal Projects 2016	Replacement Replacement Replacement	Medium Medium	S - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	Replace the loading dock equipment at the end of useful service life. Replace the walk-in-cooler at the end of useful service life. The wood wall rail finishes are aged.	NO No 702
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare – Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fittings - Signage - Aging - 1st Floor	REQ-322739	\$27,832.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The signage throughout the hospital on the 1st floor is aging, incomplete, and does not meet the requirements for barrier-free design. The signage throughout the hospital on the 2nd floor is aging, incomplete,	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fittings - Signage - Aging - 2nd Floor	REQ-322743	\$27,832.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	and does not meet the requirements for barrier-free design. The ceramic floor tile located throughout the 1st floor is aged, worn,	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - CFT Aged And Worn- 1st Floor	REQ-322740	\$18,623.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	cracked and beyond its useful life expectancy. Removal and replacement is warranted to maintain the visual appeal. Carpet in some areas on the 1st floor of the building appears to be to	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - Aged Carpet - 1st Floor	REQ-73521	\$41,593.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	original is aged, and in high traffic locations, deteriorated. Portions of the 2x4 acoustical ceilings and grids on the ground floor are	702
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Ceiling Finishes - Aged ACT	REQ-73527	\$624,520.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	aged and deteriorated.	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Oil Supply System - Fuel Day Tank - Aged	REQ-314845	\$10,886.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	The day fuel tank in the generator room is aged and should be considered for replacement within the next three to five years for reliability.	695

						Desired Mainte	Decient					Code Violation or Safety
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost	Project Mainte Action Year Code	Recommendation Type	Project Risk Code	Project Priority	Requirement Description The three Circ-U-Latic gas/oil fired, water tube steam boilers though well	Category	Issue
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Heat Generating Systems - Boilers Steam - Gas/Oil Fired - ca. 1979 - Boiler 1	REQ-486778	\$391,846.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	maintained are aged and beyond their useful life. They should be replaced. Replaced with new gas fired boiler	65	5
										The Trane chillers has reached the end of its useful life according to BOMA standards. The chillers utilized R11 refrigerant (CFC) which was modified to R-123. Though performing at this time only chillers should be replaced as		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Cooling Generating Systems - Chillers - Aged - ca. 1979	REQ-74123	\$174,002.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	the cooling tower was replaced in 2006. Currently, the hospital is supplied with one utility service. Standard practice	. 69	3
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Main Electrical Service - No Redundancy	REQ-314813	\$597,292.00		Study recommended		7 - Discretionary	for health care includes proving two services from two separate utility substations. The main service switch board had exceeded BOMA life time of 30 years,	69	9
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Main Service Switchboard - Electrical Room - 2000A 600Y/347V - Aged	REQ-314830	\$263,124.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	replacement is recommended. The battery pack units for egress lighting are beyond their BOMA life	69	5
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems - Egress Lighting Aged Emergency Light and Power Systems - Egress Lighting Aged	REQ-74854 REQ-74856	\$13,750.00 \$4,410.00	2013	Replacement Replacement		1 - Health and Life Safety 1 - Health and Life Safety	expectancy of 10 years and they should be replaced. The battery pack units for egress lighting are beyond their BOMA life expectancy of 10 years and they should be replaced.	69	15
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems - Emergency Generator - Aged	REQ-74835	\$117,884.00	2013	Replacement		Health and Life Safety	The existing emergency generator is aged and has reached the end of its BOMA Useful Life Cycle of 20 years. The emergency generator and emergency distribution system is necessary to provide life safety and standby power to the building for power to egress lighting, exit signs, fire alarm system, elevators, etc. in the event of a utility power outage. The existing eavit signs in the non-removated areas are approaching the end	61	15
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems -Exit Signs - Aged - Penthouse	REQ-74852	\$2,763.00	2013	Replacement		1 - Health and Life Safety	of their BOMA life expectancy of 10 years. Although some have been upgraded with LED kits, replacement is recommended.	65	.5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical Room - Penetrations Lack Fire Stopping	REQ-314808	\$25,327.00	2013	Repair		1 - Health and Life Safety	A non compliant floor/wall penetration was noticed in all the electrical room walls. Per NEC Code, "Electrical installations shall be so made that the probability of spread of fire through fire-stopped partitions, floors, hollow spaces, fire walls of rife partitions, vertical shafts, or ventilating or air conditioning ducts is reduced to a minimum" and "Where a fire separation is pierced by a raceway or cable, any openings around the raceway or cable shall be properly closed or sealed".		J6
										Presently emergency lighting is provided as per NBC Section 9.9.11.3 in designated means of egress through emergency generator. Battery packs need to be provided in all electrical and mechanical rooms to compensate		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems - Battery Pack Lights Non-Existent	REQ-314812	\$11,213.00	2013	Repair		1 - Health and Life Safety	for the time delay associated with generator start-up. The electrical room does not have adequate cooling to ensure the	69	7
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Terminal & Package - Electrical Room (Rm.150) - Excessively Warm Other Plumbing Systems - Medical Air Compressor - Non Compliant Intake Installation	REQ-314817	\$24,648.00 \$9,293.00	2013	Study recommended Replacement		7 - Discretionary 1 - Health and Life Safety	excessive heat build up doesn't diminish equipment performance. The air for medical compressed is typically drawn from air intake louver. The installation was a makeshift and non compliant. Per NFPA 90 chapter 5, 5.1.3.5.13.2 The compressor air intake shall be located outdoors above roof level, at a minimum distance of 3950 mm (10 ft) from any door, window, exhaust, other intake, or opening in the building and a minimum distance of 6100 mm (20 ft) above the ground. Comments: "40"	f	ign J6
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Terminal & Package - Mammography Room - Excessively Warm	REQ-314821	\$24,648.00		Study recommended		7 - Discretionary	The mammography room does not have adequate cooling to ensure the excessive heat build up doesn't diminish equipment performance.	Capacity/Des	sign
										No backflow equipment was found on the main during the inspection. Comments: "As per BOMA the life extpectancy for backflow preventers is		
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic Water Distribution - Backflow Protection Lacking Day Surgery Roof replacement	REQ-314847 REQN-5473	\$27,334.00 \$125,000.00	2013 2017 Renewal Projec	Repair cts Replacement	High	1 - Health and Life Safety 3 - Asset Integrity - Type A - Imminent Breakdown	five years." replacement of roof over our Day surgery at HDMH abatement and replacement of various asbestos ceiling tile throughout the	70	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Ceiling Tile Asbestos Abatement Exterior Soffits - Linear Wood Soffits - Deteriorated	REQN-5477 REQ-73526	\$70,000.00 \$24,175.00	2017 Renewal Project 2016	Replacement Repair	High	1 - Health and Life Safety 5 - Asset Integrity - Type C - Proactive Replacement	building The linear wood soffits are aged and the wood finish is weathered.	70	NO 12
	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Windows - Windows Aged And Worn	REQ-322738	\$583,486.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The metal framed windows located throughout the building are aged. Although some of the inoperable windows did have the seals replaced in order to diminish active leaks into the building, the windows are aged, wom and beyond their useful life expectancy, Replacement is warranted to maintain the integrity of the building envelope and improve energy sefficiency.	1	15
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Doors - Steel - Deteriorated	REQ-73531	\$36,525.00	2016	Repair		5 - Asset Integrity - Type C - Proactive Replacement	The exterior steel doors are aged and the finishes are weathered. Some are damaged or deteriorated.	69	15
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Doors - Wood Sectional - Aged Interior Doors - Worn Finishes	REQ-73528 REQ-73530	\$14,987.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The exterior overhead wood doors are aged and deteriorated. The finishes on the original doors, particularly in high traffic locations like	69	3
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - CFT Aged And Worn- 2nd Floor	REQ-73530	\$51,742.00 \$18.623.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	stairways and corridors, are aged and worn. The ceramic floor tile located throughout the 2nd floor is aged, worn, cracked and beyond its useful life expectancy. Removal and replacement is warranted to maintain the visual appeal.	. 69	100
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - Concrete Finish Aged	REQ-73519	\$52,472.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The finish on painted and sealed slabs in the penthouses, garage, maintenance, and service areas is aged and worn.	71)2
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - Vinyl Floor Aged And Worn - 2nd Floor	REQ-322737	\$353,884.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	The vinyl sheet flooring located throughout the 2nd floor is aged, worn and beyond its useful life expectancy. Removal and replacement is warranted to maintain the visual appeal.		15
										The vinyl sheet flooring located throughout the 1st floor is aged, worn and beyond its useful life expectancy. Removal and replacement is warranted to	3	
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - Vinyl Floor Aged And Worn - 1st Floor Floor Finishes - VCT Aged	REQ-322742 REQ-73520	\$685,672.00 \$88,429.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown 5 - Asset Integrity - Type C - Proactive Replacement	maintain the visual appeal. The VCT flooring located in the original building is aged, worn, an deteriorated.	69	15
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Elevators and Lifts - Aged	REQ-74839	\$593,492.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The existing passenger elevators are aged past their life expectancy of 35 years and should be replaced.	69	15
										Washroom fixtures are original to the building (1979) and have reached their BOMA life expectancy of 30 years. Fixtures are generally aged and		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Plumbing Fixtures - Restroom Fixtures - Aged - Floor 1	REQ-74061	\$688,863.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	worn. Fixtures are also not water conserving type. Washroom fixtures are original to the building (1979) and have reached	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Plumbing Fixtures - Restroom Fixtures - Aged - Floor 2	REQ-74065	\$688,863.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	their BOMA life expectancy of 30 years. Fixtures are generally aged and worn. Fixtures are also not water conserving type.	65	5
										Washroom fixtures are original to the building (1979) and have reached their BOMA life expectancy of 30 years. Fixtures are generally aged and		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Plumbing Fixtures - Restroom Fixtures Aged - Floor R	REQ-74067	\$44,517.00	2016	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	worn. Fixtures are also not water conserving type. The domestic water booster pumps are aging, approximately 30 years old and will require replacement in the next five years. The assembly is	69	3
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic Water Distribution - Booster Pumps - Aged	REQ-314846	\$35,300.00	2013			1 - Health and Life Safety	comprised of two pumps with controls and accessories with two pumps rated at 10 HP. The majority of the existing domestic water distribution system was	69	9
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic Water Distribution - Aged - Floor 2	REQ-74580	\$239,609.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	installed in 1979 and is approximately 30 years old. Although functional, the system has reached the BOMA Building Systems Useful life of 30 years and should be replaced.		5
Muskoka Algonquin Healthcare Muskoka Aleonouin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic Water Distribution - Aged - Floor 1 Domestic Water Distribution - Aged - Floor R	REQ-74581 REQ-74591	\$319,682.00 \$85,083.00	2014	Replacement Replacement		3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	The majority of the existing domestic water distribution system was installed in 1979 and is approximately 30 years old. Although functional, the system has reached the BOMA Building Systems Useful life of 30 years and should be replaced. Recause site personnel indicated that the system is performing reliably with a minimum of problems, the system is a candidate for a phased replacement over the next five years. The majority of the existing domestic water distribution system was installed in 1979 and is approximately 30 years old. Although functional, the system has reached the BOMA Building Systems Useful life of 30 years and should be replaced.	e 69	5
Muskoka Algonquin Healthcare	мизкика Augonquin неаппсаге - Huntsville District Memorial Hospital Site	пърна - мизкока Algonquin Heattricare - Huntsville District Memorial Hospital Site	DUTHESIG Water DISTRIBUTION - Aged - HOOF K	REQ-74591	\$85,083.00	2014	Replacement		3 - ASSET INTEGRITY - TYPE A - Imminent Breakdown	should be replaced. The two Cleaver Brooks gas/oil fired, hot water boilers though well	69	*
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Heat Generating Systems - Boilers Hot Water - Gas/Oil Fired - ca. 1979 - Aged	REQ-74082	\$394,048.00	2014	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	maintained are aged and beyond their useful life. They should be replaced. The chilled water pump and condenser water pumps located in the boiler room are aged and beyond their recommended useful BOMA life. These	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Chilled & Condenser Water Circulation Pumps - Aged	REQ-314849	\$32,530.00	2016	Paulacem		5 - Asset Integrity - Type C - Proactive Replacement	pumps should be considered for replacement in 3-5 years. Comments: "As per BOMA the life extpectancy for backflow preventers is five years." The chilled water distribution system is aged and should be replaced in the next 2 years to provide system reliability.	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Cooling Generating Systems - Chilled Water Distribution System - Aged	REQ-314865	\$786,065.00	2014	Replacement	1	3 - Asset Integrity - Type A - Imminent Breakdown	ilext 2 years to provide system reliability.	69	1

						Project Mair	ntenance Project				Code Violation or Safety
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost	Action Year Code	Recommendation Type	Project Risk Code Project Priority	Requirement Description	Category	Issue
									The majority of the restroom exhaust fans and ductwork systems were installed in 1979 and are aged and have reached the BOMA standard of 30 years and should be replaced. Although maintained properly, the units have degraded in condition over the last 30 years, have worn casings, grilles and	<i>r</i> e	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Restroom Exhaust Fans - ca. 1979 - Aged	REQ-73362	\$61,029.00	2014	Replacement	3 - Asset Integrity - Type A - Imminent Breakdown	other mechanical components and will require replacement. The building rooftop exhaust fans, dating to 1979 approximately are aged	695	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Exhaust Fans - General Building - Aged	REQ-73359	\$307,086.00	2014	Replacement	3 - Asset Integrity - Type A - Imminent Breakdown	and beyond useful life. They should be replaced.	695	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Perimeter Heating - Aged - ca. 1979 - Floor R	REQ-73360	\$185,526.00	2016	Replacement	S - Asset Integrity - Type C - Proactive Replacement	The fin tube convectors and distribution piping systems were installed in around 1979 and are aged. Although functions, the convectors and distribution piping are more than 30 years old, have reached the BOMA Building Systems Useful Life of 30 years and should be replaced. Replace the existing perimeter heating system that has surpassed its	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Perimeter Heating - Aged - ca. 1979 - Floor 1	REQ-73366	\$615,020.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement		69	i
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Perimeter Heating - Aged - ca. 1979 - Floor 2	RFO-73367	\$514,987.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	Replace the existing perimeter heating system that has reached its average BOMA rated useful life of 30 years, and includes the piping and radiation	61	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire Protection - Wet Standpipe System - Aging - Floor R	REQ-73370	\$32,185.00	2013	Replacement	1 - Health and Life Safety	onis. The west standpipe system installed in 1979 is aging and approximately 30 years old. Although functional, the system reaching its end of useful life and the piping, valves and other related system components will require replacement. The BOMA Building Systems Useful Life for sprinkler system is 35 years. The west standpipe system installed in 1979 is aging and approximately 30		5
									years old. Although functional, the system reaching its useful life and the piping, valves and other related system components will require replacement. The BOMA Building Systems Useful Life for sprinkler system is	s	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire Protection - Wet Standpipe System - Aging - Floor 1	REQ-73373	\$97,477.00	2013	Replacement	1 - Health and Life Safety	35 years. The west standpipe system installed in 1979 is aging and approximately 30 years old. Although functional, the system reaching its useful life and the piping, valves and other related system components will require replacement. The 80MA Building Systems Useful Life for sprinkler system is		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire Protection - Wet Standpipe System - Aging - Floor 2	REQ-73374	\$82,186.00	2013	Replacement	1 - Health and Life Safety	35 years. The main service have exceeded recommended BOMA life of 30 years,	69	ز
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Main Electrical Service - Aged	REQ-314814	\$332,104.00	2014	Replacement	3 - Asset Integrity - Type A - Imminent Breakdown	The main service have exceeded recommended BOMA life of 30 years, replacement is recommended.	69	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Equipment, Panelboards, and Feeders - 208/120V - Aged	REQ-314827	\$460,376.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	All panel boards, distribution boards along with feeders had exceeded their BOMA life time of 30 years, replacement is recommended. Several transformers and switchgear assemblies consisting of various KVA	695	ś
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical Distribution - Distribution Equipment - Transformers - Aged - ca 1976	REQ-74802	\$208,107.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	several transformers and switchgear assemblies consisting or various KVA ratings located throughout the facility have met or exceeded their 30 year useful life as per BOMA standards The motor control centres in the boiler room, basement mechanical rooms,	695	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Low Tension Service and Dist MCC's - ca 1976 - Aged	REQ-74833	\$300,243.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	and main electrical room is aged beyond its BOMA life expectancy of 30 years and should be replaced. Branch circuit devices and wiring are original to the building and are	69	j.
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Branch Wiring Equipment & Devices - End of Life	REQ-74834	\$549,363.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	beyond their useful life of 30 years per 2003 BOMA. A complete replacement is recommended.	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Lighting Equipment - Lighting Fixtures - Aged	REQ-74859	\$202,194.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	Lighting fixtures of the facility have been partially upgraded. The remaining fixtures are beyond their expected life and require replacement. Television wiring had exceeded BOMA life time, replacement is	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Television System - Aged	REQ-314828	\$113,118.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	recommended. The existing fire alarm system upgrade needs to be completed as remaining devices have exceeded the BOMA building system life cycle of 10 years and		+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire Alarm System - ca 1976 - System Aged	REQ-74853	\$211,477.00	2013	Replacement	1 - Health and Life Safety	should be replaced. The existing exit signs in the non-renovated areas are approaching the end	695	-
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems - Exit Signs - Aged - 1st Floor	REQ-74851	\$64,049.00	2013	Replacement	1 - Health and Life Safety	of their BOMA life expectancy of 10 years. Although some have been upgraded with LED kits, replacement is recommended. The existing exit signs in the non-renovated areas are approaching the end	691	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems - Exit Signs - Aged - 2nd Floor	REQ-74837	\$34,137.00	2013	Replacement	1 - Health and Life Safety	of their BOMA life expectancy of 10 years. Although some have been upgraded with LED kits, replacement is recommended. The 1979 wood and plastic laminate casework on the ground floor of the	69	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Equipment and Furnishings - Casework Aged - 1st Floor	REQ-73569	\$75,764.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	hospital is aged and worn. Wood and plastic laminate casework on the patient floor of the building is	702	\vdash
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Equipment and Furnishings - Casework Aged - 2nd Floor Equipment - Loading Dock Equipment - Aged	REQ-73532 REQ-73538	\$169,849.00 \$46,445.00	2016 2016	Replacement Replacement	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	aged and worn. The loading dock equipment is aged and worn.	695	j
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Low Tension Service and Dist - Additional Distribution Panelboard Required - 1st Floor	REQ-314816	\$20,149.00		Repair	7 - Discretionary	There are not enough distribution panelboards and branch circuits to cater for the new load to be connected. It is recommended to install an additional panelboard in conjunction with the installation of new branch circuits. The server room has no sprinkler system in place. Since an FM 200 system is less harmful to sensitive equipment, this option may be considered to provide the same degree of protection with less risk than a conventional	Capacity/Des	ign
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire Protection - Server Room - Lacks Suppression System	REQ-314824	\$21,562.00		Study recommended	7 - Discretionary	sprinkler. Comments: "Note: Elevated temperatures will also reduce the life of the electrical equipment." The heat recovery system with associated piping and circulating pumps has	697	,
									been abandoned in place. It was reported that the system has been decommissioned for almost 20 years and was never used. Comments: "Note: Elevated temperatures will also reduce the life of the electrical		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Heat Recovery System - Abandoned	REQ-314825	\$14,248.00		Repair	7 - Discretionary	equipment."	705	+-
									The chilled and condenser water pumps located in the chiller room lack back-up pumps. These pumps should be provided with back-ups since chilled water is crucial for the hospital. Comments: "As per BOMA the life		
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Chilled and Condenser Water Pumps - Lack Redundancy INTERIOR CONSTRUCTION - C10 / PATIENT BATHROOMS	REQ-314848 REQN-1942	\$31,404.00 \$2,700,000.00	2016 2016 Deferred Ma	Repair aintenance Replacement	5 - Asset Integrity - Type C - Proactive Replacement Low 2 - Code Compliance and Legislative Requirements	extpectancy for backflow preventers is five years." N/A	69	5 mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	OTHER SITE CONSTRUCTION - G90 / Additional water supply FIRE PROTECTION - D40 / Sprinkler system	REQN-1943 REQN-1945	\$1,200,000.00 \$2,500,000.00	2016 Renewal Pro 2016 Renewal Pro	ojects Repair oiects Repair	High 1 - Health and Life Safety High 1 - Health and Life Safety	N/A		mm mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	INTERIOR FINISHES - C30 / Asbestos flooring SITE IMPROVEMENTS - G20 / Main water lines	REQN-2088 REQN-2090	\$425,000.00 \$60,000.00	2016 Deterred Ma	aintenance Replacement	High 1 - Health and Life Safety Low 5 - Asset Integrity - Type C - Proactive Replacement	N/A	1	mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	EXTERIOR ENCLOSURE - B20 / Exterior Doors	REQN-2094	\$28,000.00	2016 Renewal Pro 2016 Renewal Pro	ojects Replacement	Low 5 - Asset Integrity - Type C - Proactive Replacement	19/0		mm mm mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	ELECTRICAL - D50 / Electrical arch flash study EXTERIOR ENCLOSURE - B20 / Exterior walls	REQN-2099 REQN-2100	\$20,000.00 \$20,000.00	2016 Renewal Pro 2016 Deferred Ma	ojects Study recommended aintenance Replacement	High 1 - Health and Life Safety Medium 3 - Asset Integrity - Type A - Imminent Breakdown		\pm	mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	PLUMBING - D20 / Main water lines ELECTRICAL - D50 / Electricial Panels	REQN-2103 REQN-2114	\$1,200,000.00 \$1,000,000.00	2016 Renewal Pro 2016 Renewal Pro	ojects Replacement ojects Replacement	Medium 3 - Asset Integrity - Type A - Imminent Breakdown Low 5 - Asset Integrity - Type C - Proactive Replacement	N/A	+	mm mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Heat Generating Systems - Boilers Steam - Gas/Oil Fired - ca. 1979 - Boiler 2	REQ-73380	\$391,846.00	2014	Replacement	3 - Asset Integrity - Type A - Imminent Breakdown	The three Circ-U-Latic gas/oil fired, water tube steam boilers though well maintained are aged and beyond their useful life. They should be replaced.	. 69	5
									The air handling unit installed in the Mechanical Rooms are aged. They are about 30 years old and have reached the BOMA Building Systems Useful Life and should be replaced. Although maintained properly, the units have degraded in condition over the last 30 years, have internal rust and corrosion and will require replacement. Numerous areas of surface corrosion on the internal acoustic panels and deteriorated internal		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Distribution Systems - Central AHU Unit - ca. 1979 - Aged	REQ-73364	\$1,232,611.00	2014 Renewal Pro	ojects Replacement	High 3 - Asset Integrity - Type A - Imminent Breakdown	component support steel were among the deficiencies observed. The exterior building lighting is aged beyond its life expectancy of 20 years	691	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Ughting Exterior Equipment - HID Wall Packs - Aged	REQ-74838	\$71,772.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	and should be replaced. Electrical receptacles located at sinks in few locations not equipped with ground fault circuit interrupter (GFCI) protection as required by NEC-2008	695	\vdash
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Branch Wiring Devices - Non-GFCI Outlet - at sinks	REQ-314809	\$583.00	2013	Replacement	1 - Health and Life Safety	Edition - Article 210.8. The existing number of receptacles is insufficient in capacity due to the loads of the current hospital. Additional receptacles in recovery and trauma	69f	<u></u>
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Ughting and Branch Wiring - Insufficient Receptacles - 1st Floor	REQ-314815	\$28,069.00	2006	Repair	7 - Discretionary	rooms are recommended. The existing Nurse Call System is aged beyond the recommended useful life cycle of 10 years. Replacement of the existing systems with a new system is recommended. Manufacturer no longer supports this system and replacement parts are no longer available. Life safety for patients to call nursing for assistance. System is also used to call for trauma teams when		an
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Call Systems - Nurse Call System - ca. 1976 - End of Life	REQ-74836	\$266,288.00	2016	Replacement	1 - Health and Life Safety	patients code (heart stops). Telephone system and wiring had exceeded recommended BOMA life time,	69!	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Telephone System - Aged	REQ-314829	\$294,196.00	2016	Replacement	5 - Asset Integrity - Type C - Proactive Replacement	replacement is recommended.	69	4

											Code
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID Re	equirement Cost Acti	Project Maintenance	Project Recommendation Type	Project Risk Code	Project Priority	Requirement Description Cata	Violation or Safety
rospital Corporation	JAK 1901G	FACE I WHILE	requirement variety	requirement of the	A CONTRACTOR OF THE CONTRACTOR	on real	necommendation type	- roject nijk code	repear toury	There is presently only audible (bell type) fire alarm devices installed. Current Ontario Building Code 3.2.4.20 requires visual (strobe) type fire alarm devices in addition to audible notification. It is recommended that combination audible/ visual devices be installed on each floor and connected to the main fire alarm system to aid the acknowledgement of a	issue
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Communications and Security ? Fire Alarm System Lacks Visual Alarm Devices	REQ-314810	\$53,080.00	2013	Repair		1 - Health and Life Safety	fire alarm for the hearing impaired. The facility is equipped with devices such as fire alarm pull stations which are located above the allowed height and do not conform to current codes. These devices do not conform to the 1995 Barrier Free requirements of the National Building Code to meet the front and side reach requirements in the Reach Guide and should be lowered to a conforming height or replaced	709
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Devices - Access Inadequate	REQ-314811	\$48,885.00		Repair		7 - Discretionary	with new that has adequate unobstructed access. For these reasons it is recommended to lower these devices to the required heights. The storage tank located in the boiler room is rutting in place. Though it has been emptied and is not leaking it should be removed from the facility.	707
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Hospital - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Storage Tank Steel - Abandoned ELECTRICAL - D50 / Emergency bathroom lighting	REQ-314822 REQN-1959	\$1,496.00 \$120,000.00	2013 2016 Renewal Projects	Replacement Repair	High	1 - Health and Life Safety 1 - Health and Life Safety	Comments: "Note: Elevated temperatures will also reduce the life of the electrical equipment." Brick walls repair and restoration, including cleaning, replacement of the	695 mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/restoration of the brick walls at various locations	REQN-11697	\$485,298.00	2018 Renewal Projects	Repair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	deteriorated or damaged bricks, jointing and repointing of the mortar, and cleaning of the concrete fascias. Replace the exterior windows on the east, north and south side of the	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the exterior windows in the east north and south side of the building. Replacement the exterior windows on the west side of the building.	REQN-11687 REQN-11688	\$92,263.20 \$32,416.80	2030 Renewal Projects 2017 Renewal Projects	Replacement Replacement	Low High	5 - Asset Integrity - Type C - Proactive Replacement 3 - Asset Integrity - Type A - Imminent Breakdown	building at the end of service life. Replace the exterior windows on the west side of the building.	NO No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement the exterior doors. Replacement of the all roof coverage.	REQN-11691 REQN-11692	\$26,250.00 \$317,775.00	2017 Renewal Projects 2017 Renewal Projects	Replacement Replacement	High High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the exterior doors due to exceeding service life. Replace the all roof coverage at the end of service life.	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Lock and Key System	REQN-393229	\$6,355.50	2017 Deferred Maintenance	Replacement	High Medium	Health and Life Safety S - Asset Integrity - Type C - Proactive Replacement	Replace the lock and key system due to exceeding useful service life.	No No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the fitting in the building. Replacement the vinyl flooring throughout the building.	REQN-11699 REQN-11703	\$42,750.00 \$144,400.00	2017 Renewal Projects 2017 Renewal Projects	Replacement Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the fitting in the building at the end of service life. Replace the vinyl flooring throughout the building. Replace the carpet flooring throughout the building due to exceeding useful	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacing the carpet flooring throughout the building.	REQN-11700	\$144,400.00 \$105.600.00	2017 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	service life. Replace the water closets, lavatories, urinals, showers and sinks due to end of useful life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the plumbing fixtures. Domestic water distribution system upgrades.	REQN-9081	\$105,600.00	2022 Renewal Projects 2018 Renewal Projects	Replacement	Medium	S - Asset Integrity - Type C - Proactive Replacement S - Asset Integrity - Type C - Proactive Replacement	of useful life. Repairs or upgrade of the domestic water distribution system is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the domestic water distribution system piping and accessories. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget. The investigations may include cut-sample lab inspection, ultrasonic survey or CCT inspection. The upgrade/repair of the domestic water distribution system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise renovation plans of the Asset.	NO No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of Domestic water heater and accessories.	REQN-9093	\$15,460.83	2025 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the domestic water heater and accessories at the end of useful service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Sanitary waste piping upgrade.	REON-9096	523,687,40	2023 Renewal Projects	Repair	Medium	S - Asset Integrity - Type C - Proactive Replacement	Repairs or upgrade of the sanitary waste distribution system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, sanitary systems require inspection and maintenance every thirty (30) to forty (40) years to identify pine deterioration and blockages due to studge accumulation. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget and in conjunction with the rainwater systems investigations which is noted in D2040000: Rain Water Discharge - General. The requirement can be split considering floor-west renovation plans of the Asset.	NO
Muskoka Algonquin Healthcare	Muskoka Aleonouin Healthrare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Rain water discharge system upgrades.	REQN-9099	\$20,662,50	2023 Renewal Proiects	Benair	Medium	S - Asset Integrity - Type C - Proactive Replacement	Repairs or upgrade of the rainwater discharge system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, rainwater discharge systems require inspection and maintenance every thirty (30) to forty (30) years to identify pige deterioration and blockages due to sludge accumulation. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which is which should be performed from the operating budget and in conjunction with the sanitary waste systems investigations which is included in De23000. Sanitary Waste - General. The upgrade/repair of the system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise renovation plans of the Asset.	No.
				REQN-9144			Replacement	Medium		Replace the rooftop (RT-1 to RT-4) units at the end of useful service life.	NO.
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Rooftop units (RT-1 to RT-4) replacement. Rooftop units (RT-5 to RT-8) replacement.	REQN-9144 REQN-9145	\$189,783.00 \$189,783.00	2028 Renewal Projects 2033 Renewal Projects	Replacement Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the rooftop (RI-1 to RI-4) units at the end of userul service life. Replace the rooftop units (RT-5 to RT-8) at the end of useful service life.	NO
	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/replace the air distribution system components.	REON-9161	\$89,133.75	2033 Renewal Projects	Renair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Repair and/or replace the air distribution system components, such as ductwork, ceiling and wall diffusers at the end of useful service life.	Ne
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bidg - Muskoka Algonquin Healthcare - Huntsville District Memoriai Hospital Site Howland Bidg - Muskoka Algonquin Healthcare - Huntsville District Memoriai Hospital Site	Repair/replace the air distribution system components. Exhaust fans replacement.	REQN-9167	\$89,133.75 \$41,595.75	2038 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the exhaust fans will be required at the end of useful service life. Service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the electric baseboard heaters .	REQN-9172	\$22,230.00	2023 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the electric baseboard heaters required due to end of useful service life.	No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the split Air Conditioning unit. Upgrade the control system.	REQN-9173 REQN-9112	\$8,892.00 \$48,450.00	2023 Renewal Projects 2025 Renewal Projects	Replacement Replacement	Medium Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the split Air Conditioning (A/C) unit required due to end of useful service life. Upgrade the control system due to end of useful service life.	NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical service and distribution system upgrade.	REQN-9012	\$188,100.00	2033 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Upgrade the electrical service and distribution system which was installed in the building circa 1983. The replacement budget is tentative and the replacement/upgrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be adjusted based on the study findings. A short-circuit and coordination study followed by an arc flash study should be conducted in order to identify the specific art fishs hazard and the arc flash protection boundary (the closest approach allowed before PPE must be worn) at any applicable piece of electrical distribution equipment within the facility. The study should be conducted according to the guidelines provided in CAX 2626.15 (Wordpace Electrical Setely, and following the	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Perform an arc flash study and labeling.	REQN-9013	\$30,000.00	2017 Renewal Projects	Invasive testing recomm	Medium	1 - Health and Life Safety	study, Arc flash warning signs should be installed on all applicable equipment. Fire-stopping is required to maintain the integrity of fire separations and reduce the life safety risk in a fire situation. Previous assessment reported on fire-stopping deficiencies appeared to have not addressed completely. Although a detailed fire-stopping audit was not part of the scope, the fire-stopping as inspected in random locations during the site walkthrough and appeared to be missing or inadequate in some of the electrical/mechanical rooms. A detailed fire-stopping audit is recommended to identify all fire stopping issues and repairs shall be performed to comply	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire stopping study and repairs.	REQN-9045	\$30,000.00	2017 Renewal Projects	Repair	High	1 - Health and Life Safety	with the Section 2.2 of the Ontario Fire Code (OFC).	YES

													Code Violation or Safety
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost	Action Year Code	ject Maintenance le	Recommendation Type	Project Risk Code	Project Priority	Requirement Description	Category	Issue
											Upgrade the interior lighting at the end of useful service life with energy efficient or Light Emitting Diode (LED) technology lighting. An audit of the lighting is recommended prior to the upgrade and the scope and budget should be updated accordingly. The recommended audit can determine the return on investment for upgrading to the newest technology and can.	2	
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the interior lighting at the end of useful service life. Replacement of the telephone wiring system.	REQN-9015 REQN-9017	\$101,317.50 \$61,275.00	2018 Rene 2033 Rene	ewal Projects ewal Projects	Replacement Replacement	Low	6 - Energy Management 5 - Asset Integrity - Type C - Proactive Replacement	either justify the project or rule it out. Replace the telephone wiring system at the end of service life.		NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire alarm audit, design and upgrade.	REQN-9019	\$50,872.50		newal Projects	Replacement	low	5 - Asset Integrity - Type C - Proactive Replacement	It is recommended to conduct a detailed audit, design and upgrade for the fire alarm system, as per the requirements of the Ontario Fire Code, NBC, CAN/ULC 5524 and all applicable codes and standards.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency lighting repair	REQN-9032	\$150,000.00	2017 Defer	erred Maintenance	Renair	Medium	3 - Asset Integrity - Type A - Imminent Breakdown	Repair the emergency lighting circuit. The budget includes the abatement of the asbestos.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the emergency generator system.	REQN-9038	\$14,592.00		ewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the emergency power generator and other related equipment at the end of useful service life.		NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bidg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Windows - Windows Aged And Worn - 1983	REQ-322695	\$31,532.00	2016	ewarrogees	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The metal found windows located throughout the building are aged. Although the inoperable windows did have the seals replaced in order to diminish active leaks into the building, the windows are aged, wom and beyond their useful life expectancy. Replacement is warranted to maintain the integrity of the building, envolope and improve energy efficiency.	69	15
Wastona ragoriquii ricurcurc	masona rigoriqui riculticare Transvine orarie; memoriarrospitar sice	Toward ong Monorary gorigin restricted Transactive District Memorial Tropher Sic	Existing Windows Timous Age and Will 2003	neg seess	\$31,33E.00	2010		перистеп		5 resettinegity type of trouctive replacement	It was observed that the existing 3 x 7 Storefront Aluminium and Glass Exterior Door is beyond its rated expected life. It is recommended that this	- 03	+
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bidg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Doors - 3 x 7 Storefront - Beyond Rated Life	REQ-322703	\$23,609.00	2016		Replacement		S - Asset Integrity - Type C - Proactive Replacement	door be replaced. The VCT located throughout the 2000 construction area is aged, worn and beyond its useful life expectancy. Removal and replacement is warranted to		j
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - VCT Aged And Worn - 2000	REQ-322694	\$23,078.00	2016		Replacement		5 - Asset Integrity - Type C - Proactive Replacement	maintain the visual appeal. The broadloom carpet (2007) located throughout is aged, worn and beyond its useful life expectancy. Removal and replacement is warranted to	69	*
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - Carpet Aged And Worn 2007	REQ-322701	\$37,054.00	2016		Replacement		5 - Asset Integrity - Type C - Proactive Replacement	maintain the visual appeal. The broadloom carpet (2000) located throughout is aged, worn and beyond	69	3
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Floor Finishes - Carpet Aged And Worn 2000	REQ-322696	\$37,054.00	2016		Replacement		5 - Asset Integrity - Type C - Proactive Replacement	its useful life expectancy. Removal and replacement is warranted to maintain the visual appeal.	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Terminal and Package Units - Rooftop Units - Aged	REQ-322376	\$100,351.00	2016		Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The older rooftop units; installed in 2003, are aged and deteriorating. Their average lifecycle has been surpassed and they should be replaced, for continuous reliability.	69	5
									-		All the lighting for the interior and exterior of the facility are beyond their expected life and require replacement. This includes the recessed 4 ft f-40		
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Lighting Equipment - Lighting Fixtures - Aged	REQ-79109	\$27,272.00	2016		Replacement		5 - Asset Integrity - Type C - Proactive Replacement	tubes and fixtures internally, and the external wall mounted HID fixtures The existing fire alarm system is at the end of it's BOMA rated useful life	69	i e
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire Alarm System - Aged	REQ-79108	\$621.00	2013		Replacement		1 - Health and Life Safety	expectancy of 10 years, replacement should be planned.	69	3
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical Room - Penetrations Lack Fire Stopping	REQ-314774	\$1,854.00	2013		Repair		1 - Health and Life Safety	A non compliant floor/wall penetration was noticed in the electrical room walls. Per NEC Gode, "Electrical installations shall be so made that the probability of spread of fire through fire-stopped partitions, floors, hollow spaces, fire walls or fire partitions, vertical shafts, or ventilating or air-conditioning ducts is reduced to a minimum" and "Where a fire separation is pieced by a raceway or cable, any openings around the raceway or cable shall be properly closed or sealed.	:	16
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic Water Distribution - Piping Traverses Over Electrical Equipment	REO-322377	\$7,620,00	2013		Repair		1 - Health and Life Safety	Copper water lines in the mechanical/electrical room pass over the electrical panel and IT equipment and represent a risk in terms of water leakage into the units.	69	7
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	eqUIPMENT - E10 / lock and key system	REQN-2117	\$48,000.00	2016 Rene	ewal Projects	Replacement	High	1 - Health and Life Safety	N/A The wall mounted HID fixtures for the exterior of the facility are beyond	- 03	mm
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Lighting Exterior Equipment - Aged	REQ-80152	\$15,183.00	2016		Replacement		5 - Asset Integrity - Type C - Proactive Replacement	their expected life and require replacement.	69	5
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Howland Bldg - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Generator Protection Bollards - Steel Pipe - Missing	REQ-314775	\$8,763.00			Repair		7 - Discretionary	Generator is installed outdoor and is not protected with still bollards. Repair and restore the brick walls, including cleaning, replacement of the deteriorated or damaged bricks, jointing and repointing of the mortar, and	70	3
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/restoration of the brick walls at various locations. Replacement of the all exterior windows.	REQN-11770 REQN-11772	\$122,175.90 \$59.223.00	2018 Rene	ewal Projects ewal Projects	Repair Replacement	Medium High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	cleaning of the concrete fascias. Replace the all exterior windows.		No.
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the all exterior doors in the building. Replacement of the roof coverage.	REQN-11774 REQN-11777	\$18,750.00 \$115,068.00	2017 Rene	ewal Projects ewal Projects	Replacement	High High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the all exterior doors of the building. Replace the roof covering of the building at the end of service life.		NO No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the fittings in the washrooms and the kitchen. Replacement of the carpet in the building.	REQN-11780 REQN-11782	\$13,810.50 \$60,944.40	2017 Rener	ewal Projects	Replacement	Medium Medium	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the fittings in the washrooms and kitchen. Replace the carpet in the building at the end of service life.		NO No
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the vinyl tile in the building. Replacement of the ceramic tile in the washrooms.	REQN-11783 REQN-11784	\$3,385.80 \$3,385.80	2026 Rene	ewal Projects ewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement 5 - Asset Integrity - Type C - Proactive Replacement	Replace the vinyl tile in the building at the end of service life. Replace the ceramic tile in the washrooms.		NO NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the plumbing fixtures.	REQN-8913	\$38,400.00		ewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the water closets, lavatories, urinals, showers and sinks due to end of useful life.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg: Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic water distribution system upgrades.	REQN-9021	\$28,110.60	2028 Rene	sewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Repairs or upgrade of the domestic water distribution system is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the domestic water distribution system piping and accessories. The scope, budget, and implementation time frame in this requirement is tentative and should be updated based on additional investigations which should be performed from the operating budget. The investigations may include cut-sample lab inspection, ultrasonic survey or CEVT inspection. The upgrade/repair of the domestic water distribution system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise renovation plans of the asset.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Domestic water heater replacement.	REQN-9023	\$8,031.60	2034 Rene	ewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the domestic water heater at the end of useful service life.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg: Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Sanitary waste piping upgrade.	REQN-9097	\$8,613.60	2023 Rene	sewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Repair or upgrade of the sanitary waste distribution system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, sanitary systems require inspection and maintenance every thinty (30) to forty (40) years to identify pipe deterioration and blockages due to sludge accumulation. A placeholder budget and action year are included in this requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tenative and should be updated based on additional investigations which should be performed from the operating budget and in conjunction with the rainwater systems investigations which is noted in 02040000 - Rain Water Discharge - General. The requirement can be spit toosidering floor-wise renovation plans of the asset.	n	NO
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bidg: Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site CCAC Bidg: Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Sanitary waste piping upgrade. Rain water discharge system upgrades.	REQN-9097	\$8,613.60 \$6,459.75		ewal Projects	Repair	Medium	Asset Integrity - Type C - Proactive Replacement Asset Integrity - Type C - Proactive Replacement	Repair or upgrade of the rainwater discharge system components is generally required due to service life being reached or exceeded and excessive system maintenance is encountered. Typically, rainwater discharge systems require inspection and maintenance every thirty (30) to forty (40) years to identify pipe deterioration and blockages due to sludge accumulation. A placeholder budget and action year are included in his requirement for any repairs or upgrades of the system. The scope, budget, and implementation time frame in this requirement is tentative and buddle be updated based on additional investigations which should be performed from the operating budget and in conjunction with the sanitary Waste-General. The upgrade/repair of the system is recommended to be performed in conjunction with the renovations of each floor level and the requirement can be split considering floor-wise renovation plans of the asset.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of air handling unit and accessories.	REQN-9048	\$143,437.50		ewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the air handling unit and accessories at the end of useful service life.		NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repair/replace the air distribution system components.	REQN-9057	\$27,866.02		newal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Repair and/or replace the air distribution system components, such as ductwork, ceiling and wall diffusers at the end of useful service life.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exhaust fans replacement.	REQN-9058	\$12,075.28	2030 Rene	ewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the exhaust fans will be required at the end of useful service life. Replacement of the electric backpard heater will be required due to end.		No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the electric baseboard heaters .	REQN-9066	\$8,687.25	2023 Rene	ewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replacement of the electric baseboard heaters will be required due to end of useful service life.		No

												Code
							Project Maintenance	Project				Violatio or Safet
Hospital Corporation	Site Name	ASSET Name	Requirement Name	Requirement ID	Requirement Cost	Action Year	Code	Recommendation Ty	pe Project Risk Code	Project Priority	Requirement Description	Category Issue
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the control system.	REQN-9111	\$15,147.00	202	25 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Upgrade to the control system will be required due to end of useful service life.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Electrical service and distribution system upgrade.	REQN-8960	\$58,806.00	203	33 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Upgrade the electrical service and distribution system for the building installed circa 1983. The replacement budget is tentative and the replacement/upgrade should be performed based on a detailed electrical study. The scope, budget, and implementation time frame should be adjusted based on the study findings.	NO
Noted Alexania Uzak	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Perform an arc flash study and labeling.	REON-8961	\$30,000.00	201	L7 Renewal Projects		Madi:	1 - Health and Life Safety	A short-circuit and coordination study followed by an arc fliash study should be conducted in order to identify the specific arc fliash hazard and the arc fliash protection boundary (the closest approach allowed before PPE must be worn) at any applicable piece of electrical distribution equipment within the facility. The study should be conducted according to the guidelines provided in CAS AZ62-15 (Wordpace electrical astroly, and following the study, Arc fliash warning signs should be installed on all applicable euclinement.	No.
Muskoka Algonquin Healthcare	Muskoka Algoriquiri neattricare - nurtsvirie District Memoriai nospitar site	CCAC blug- Muskoka Algoriquiri neartricare - nurtsvine bistrict Memorial nuspital site	Perform an arc hash study and labeling.	REQN-6961	\$30,000.00	201	17 Reliewal Projects	Invasive testing reco	mmerviedium	1 - Realth and the Salety	equipment.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the interior lighting at the end of useful service life.	RFON-8963	\$35 194 50	201	8 Renewal Projects	Replacement	low	6 - Energy Management	Upgrade the interior lighting at the end of useful service life with energy efficient or Light Emitting Diode (LED) technology lighting. An audit of the lighting is recommended prior to the upgrade and the scope and budget should be updated accordingly. The recommended audit can determine the return on investment for upgrading to the newest technology and can either listify the project or rule it out.	NO.
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the telephone wiring system.	REQN-8965	\$19,156.50	203	80 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the telephone wiring system at the end of service life.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Fire alarm audit, design and upgrade.	REQN-8966	\$23,388.75	202	26 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	It is recommended to conduct a detailed audit, design and upgrade for the fire alarm system, as per the requirements of the Ontario Fire Code, NBC, CAN/ULC 5524 and all applicable codes and standards.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Card access system upgrade/replacement.	REQN-8967	\$4,900.50	203	86 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace/upgrade the card access system at the end of service life. The finish on the wood window frames, fascia boards, and soffits around	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Windows - Wood Paint Weathered	REQ-73699	\$8,213.00	201	14	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	the building's exterior are weathered.	702
											All the lighting for the interior and exterior of the facility are beyond their expected life and require replacement. This includes the recessed 4 ft f-40 tubes and fixtures internally, and the external wall mounted HID fixtures.	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Lighting Equipment - Lighting Fixtures - Aged	REQ-74910	\$27,272.00	201	16	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The existing exit signs are beyond their BOMA life expectancy of 10 years	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Emergency Light and Power Systems - Aged Exit Signs	REQ-74909	\$6,235.00	201	13	Replacement		1 - Health and Life Safety	and they should be replaced. Electrical receptacles located at sinks not equipped with ground fault circuit	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	CCAC Bldg- Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Branch Wiring Devices - Non-GFCI Outlet - at sinks	REQ-314788	\$351.00	201	13	Renlacement		1 - Health and Life Safety	interrupter (GFCI) protection as required by NEC-2008 Edition - Article 210.8.	696
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the helipad asphalt.	REQN-11811	\$89,700.00	202	22 Renewal Projects L8 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the helipad asphalt at the end of service life.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the asphalt paving of driveways near the ambulance garage bay.	REQN-11820	\$107,190.00	201	18 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replace the asphalt paving at areas near the ambulance garage bay. Replace the asphalt paving at areas near the Howland Building, main	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the remaining asphalt paving at areas near Howland building, main building, and the CCAC.	REQN-11822	\$1,993,734.00	202	20 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	building, and the CCAC. A tentative budget is allowed for repairing the expected defects at the end	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Repairing curbs at the end of service life.	REQN-11823	\$42,876.00	201	18 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	of service life. A tentative budget is allowed for resurfacing of the pedestrian paving in the main entrance at the end of service life.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Resurfacing of pedestrian paving in the main entrance.	REQN-11826	\$5,688.00	201	18 Kenewai Projects	кераіг	Medium	5 - Asset Integrity - Type C - Proactive Replacement	Replace the interlock pedestrian paving in the courtyard near the main	NU
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the interlock pedestrian paving in the courtyard near the main entrance.	REQN-11827	\$11,376.00	201	18 Renewal Projects	Replacement	Low	3 - Asset Integrity - Type A - Imminent Breakdown	entrance. Replace the remaining concrete/interlock pedestrian paving.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the remaining concrete/interlock pedestrian paving.	REQN-11828	\$96,696.00	202	20 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the remaining concrete/interlock pedestrian paving.	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the fencing.	REQN-11830	\$9,234.00	202	27 Renewal Projects	Replacement	Low	5 - Asset Integrity - Type C - Proactive Replacement	Replace the fencing at the end of service life. Repair and maintenance are recommended to be performed from the operating budget. Replace or upgrade the exterior lighting with light-emitting diode (LED)	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replace or upgrade the exterior lighting.	REQN-9082	\$142,500.00	201	18 Renewal Projects	Replacement	Low	6 - Energy Management	fixtures at the end of service life.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Lighting - Helipad Navigation Light Fixtures	REQ-80153	\$59,159.00	201	16	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	The helipad navigation light fixtures are showing deterioration. Replacement of light fixtures and lamps only is recommended.	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Lighting - Aged Lighting Fixtures	REQ-80154	\$129,223.00	201	16	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	Light Poles and fixtures are aging and should be considered for replacement	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Site Components - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	SITE IMPROVEMENTS - G20 / Exterior Lights	REQN-2136	\$40,000.00 \$9,351.00		L6 Renewal Projects	Replacement	Low	6 - Energy Management	N/A Replace the all exterior windows.	mm
Muskoka Algonquin Healthcare Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the all exterior windows. Replacement the roll-up doors at the garage.	REQN-11711 REQN-11712	\$9,351.00 \$18,000.00	201	18 Renewal Projects 17 Renewal Projects	Replacement Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown 3 - Asset Integrity - Type A - Imminent Breakdown	Replace the roll-up doors at the garage at the end of service life.	No No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the preformed metal roofing.	REQN-11715	\$60,210.00	201	18 Renewal Projects	Replacement	High	3 - Asset Integrity - Type A - Imminent Breakdown	Replacing the preformed metal roofing at the end of service life. Replacement of the water heater and accessories required at the end of	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the water heater and accessories.	REQN-8840	\$6,750.00	201	18 Renewal Projects	Replacement	Medium	5 - Asset Integrity - Type C - Proactive Replacement	useful service life. Replacement of the the gas-fired heater will be required due to end of	No
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Replacement of the gas-fired heater.	REQN-8849	\$6,000.00	202	28 Renewal Projects	Repair	Medium	5 - Asset Integrity - Type C - Proactive Replacement	useful service life.	No
											Upgrade the interior lighting at the end of useful service life with energy efficient or Light Emitting Diode (LED) technology lighting. An audit of the lighting is recommended prior to the upgrade and the scope and budget should be updated accordingly. The recommended audit can determine the return on investment for upgrading to the newest technology and can	
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Upgrade the interior lighting at the end of useful service life.	REQN-9301	\$14,931.00	201	18 Renewal Projects	Replacement	Low	6 - Energy Management	either justify the project or rule it out.	NO
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Lighting Equipment - Lighting Fixtures - Aged	REQ-74914	\$10,688.00	201	16	Replacement		5 - Asset Integrity - Type C - Proactive Replacement	lighting for the interior and exterior of the facility are beyond their expected life and require replacement. This includes the recessed 4 ft f-40 tubes and fixtures internally, and the external wall mounted HID fixtures	695
				250 73500	A45			2 - 1			The exterior overhead wood doors are aged and deteriorated. Labour	505
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Exterior Doors - Wood Sectional - Aged	REQ-73598	\$15,003.00	201	14	Replacement		3 - Asset Integrity - Type A - Imminent Breakdown	added for work in an occupied facility. Electrical receptacles located at sinks not equipped with ground fault circuit interrupter (GFCI) protection as required by NEC-2008 Edition - Article	695
Muskoka Algonquin Healthcare	Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Garage - Muskoka Algonquin Healthcare - Huntsville District Memorial Hospital Site	Branch Wiring Devices - Non-GFCI Outlet - at sinks	REQ-314789	\$351.00	201	13	Replacement		1 - Health and Life Safety	210.8.	696
					\$105,461,688.93							
					, ,							