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565000301012007	SUPPLY FAN #2_AHU PH-3A	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14
565000301012008	SUPPLY FAN #3_AHU PH-3A	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14

565000301012009	SUPPLY FAN #4_AHU PH-3A	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14
565000301012010	SUPPLY FAN #5_AHU PH-3A	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14
565000301012015	SUPPLY FAN #1_AHU PH-4A	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14

565000301012016	SUPPLY FAN #1_AHU PH-5	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14
565000301012017	SUPPLY FAN #2_AHU PH-5	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14
565000301012018	SUPPLY FAN #3_AHU PH-5	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14

565000301012019	SUPPLY FAN #4_AHU PH-5	HVAC	0565	D30452201950 : FAN, CENTRIFUGAL, UP TO 5,000 CFM  QUARTERLY START AND STOP FAN WITH LOCAL SWITCH. CHECK MOTOR AND FAN SHAFT BEARINGS FOR NOISE, VIBRATION, OVERHEATING; LUBRICATE BEARINGS. CHECK BELTS FOR WEAR, TENSION, AND ALIGNMENT, IF APPLICABLE; ADJUST AS REQUIRED. CHECK BLOWER INTAKE DAMPERS, LUBRICATE; IF APPLICABLE. CHECK ELECTRICAL WIRING AND CONNECTIONS; TIGHTEN LOOSE CONNECTIONS. CLEAN FAN AND SURROUNDING AREA. FILL OUT MAINTENANCE CHECKLIST AND REPORT DEFICIENCIES.	PM	0.54	3 M	\$40.45	\$79.25	\$11.89	\$91.14
56500ROOF018015	AIR COOLED CONDENSING UNIT (ACCU-2-4)	HVAC	0565	D30552501950 : AIR CONDITIONING SPLIT SYSTEM, DX, AIR COOLED, UP TO 10 TONS	PM	0.61	3 M	\$40.45	\$98.37	\$14.76	\$113.13
5659827001	FIRE ALARM SYSTEM	FIRE	0565	ANNUAL FIRE ALARM INSPECTION AS REQUIRED BY NFPA 72, TEST ALL FIRE ALARM DEVICES FOR FUNCTIONALITY, DOCUMENT TEST RECORD	FIRE ALARM	120	1 Y	\$45.88	\$5,505.60	\$0.00	\$5,505.60
5659830001	FIRE PUMP (PENTAIR) (includes #487)	FIRE	0565	ANNUAL FIRE PUMP FLOW INSPECTION. AS REQUIRED BY NFPA 25. TASK, WE ASSIST WITH OUTSIDE FIRE SPRINKLER COMPANY TO PERFORM ANNUAL FLOW TEST OF FIRE PUMP. CONSIST OF CHURN, 100 PERCENT FLOW TEST AND 150 PERCENT FLOW TEST, AMPERAGE METERING AT FIRE PUMP CONTROLLER.	FIRE ALARM	1.00	1 Y	\$45.88	\$45.88	\$0.00	\$45.88
565000113011001	FIRE PUMP (PENTAIR) (includes #487)	FIRE	0565	MONTHLY FIRE PUMP FLOW INSPECTION. AS REQUIRED BY NFPA 25. TASK, WE PERFORM MONTHLY FLOW TEST OF FIRE	FIRE ALARM	1.00	1 M	\$45.88	\$504.68	\$0.00	\$504.68
5659830001	FIRE JOCKEY PUMP (includes #487)	FIRE	0565	Verify start and stop settings on the pressure maintenance pump (jockey pump) by dropping the pressure in the jockey pump sensing line.	FIRE ALARM	0.25	1 Y	\$45.88	\$11.47	\$0.00	\$11.47
	FIRE JOCKEY PUMP (includes #487)	FIRE	0565	Verify start and stop settings on the pressure maintenance pump (jockey pump) by dropping the pressure in the jockey pump sensing line.	FIRE ALARM	0.25	1 M	\$45.88	\$126.17	\$0.00	\$126.17
5659830001	FIRE SPRINKLER SYSTEM (includes #487)	FIRE	0565	ANNUAL FIRE SPRINKER INSPECTION BY CONTRACTOR	Fire_Contracted		1 Y		\$0.00	\$0.00	\$3,975.00
5659830001	FIRE SPRINKLER SYSTEM (includes #487)	FIRE	0565	FLOW INSPECTORS TASK, WE ASSIST WITH OUTSIDE FIRE SPRINKLER COMPANY TO PERFORM ANNUAL SPRINKLER INSPECTION, CONSISTS OF TEST UNTIL FLOW SWITCH REPORTS AN ALARM AT FIRE PANEL, AND OPERATE EACH VALVE TO REPORT SUPERVISORY CONDITION ON FIRE ALARM PANEL. VISUAL INSPECTION OF EVERY SPRINKLER HEAD IN BUILDING AS REQUIRED BY NFPA 25.	FIRE ALARM	40	1 Y	\$45.88	\$1,835.20	\$0.00	\$1,835.20
5659830001	FIRE SPRINKLER SYSTEM	FIRE	0565	PERFORM QUARTERLY SPRINKLER INSPECTION, CONSISTS OF TEST UNTIL FLOW SWITCH REPORTS AN ALARM AT FIRE PANEL, AND	FIRE ALARM	10	3 M	\$45.88	\$1,376.40	\$0.00	\$1,376.40
5659827001	FIRE ALARM SYSTEM DEVICE	FIRE	0565	CLEAN AND REPLACE DEFECTIVE FIELD DEVICES PRIOR TO ANNUAL FIRE ALARM INSPECTION	FIRE ALARM	110	1 Y	\$45.88	\$5,046.80	\$0.00	\$5,046.80

<b>Total</b>	<b>\$ 32,847.89</b>
<b>Sub Total</b>	<b>\$ 32,847.89</b>

**UC North and South**

**Generator**

Equipment	Nomenclature	Equip Type	Building	Task List	Crew	Est Hours	Frequency	Labor Rate	Cost (Labor)	Cost (Material)	Total Cost
565-OUT-E025001	ERGENCY GENERA	GENERATORS	565	<p align="center"><b>WEEKLY</b>                      SPCC Reports.                      Check diesel tank for any alarms, leakage, visual inspection, etc...                      Generate corrective maintenance if needed.</p>	ELECTRICAL	1	1 W	\$43.40	\$2,213.40		\$2,213.40
565-OUT-E025002	ERGENCY GENERA	GENERATORS	565	<p align="center"><b>MONTHLY</b>                      Manually run generator.                      Records run time hours and turn in all reports to EHS.                      Check all fluids, oil, coolant, etc...                      Check all electrical components, batteries, block heater, charger.                      Check all belts, hoses, floats, and pumps.                      Generate corrective maintenance if needed. "if repairs needed = additional cost"                      Load transfer test, at the option of the Computing Center Manager,                      document testing report.</p>	ELECTRICAL	1	1 M	\$43.40	\$434.00		\$434.00
565-OUT-E025003	ERGENCY GENERA	GENERATORS	565	<p align="center"><b>SEMI-ANNUAL</b>                      Manually run generator                      Check all fluids, oil, coolant etc.                      Check all electrical components, batteries, block heater and charger.                      Check belts, hoses, floats and pumps.                      Verify all generator and life safety distribution equipment functions properly.                      Take output voltage and load readings.                      Load transfer test and document testing report and turn in all reports to                      Customer, EHS, FM, and Fire Marshal's office.                      Generate corrective maintenance if needed. "if repairs needed = additional cost"</p>	ELECTRICAL	7	1 Y	\$43.40	\$303.80		\$303.80
565-OUT-E025004	ERGENCY GENERA	GENERATORS	565	<p align="center"><b>ANNUAL</b>                      Manually run generator                      Check all fluids, oil, coolant etc.                      Check all electrical components, batteries, block heater and charger.                      Check belts, hoses, floats and pumps.                      Verify all generator and life safety distribution equipment functions properly.                      Take output voltage and load readings.                      Load transfer test and document testing report and turn in all reports to                      Customer, EHS, FM, and Fire Marshal's office.                      Generate corrective maintenance if needed. "if repairs needed = additional cost"                      Fuel sampling of tank                      Fuel tank centrifuge cleaning if needed. "if needed = additional cost"                      Change batteries if needed. "if needed = additional cost"                      Change fuel and oil filters if needed. "if needed = additional cost"                      Change air filter and oil if needed. "if needed = additional cost"                      Flush oil and coolant system if needed. "if needed = additional cost"                      Generate corrective maintenance if needed. "if needed = additional cost"</p>	ELECTRICAL	7	1 Y	\$43.40	\$303.80		\$303.80
565-OUT-E025005	ERGENCY GENERA	GENERATORS	565	ANNUAL FUEL SAMPLING	Electrical_Contractor					\$250.00	\$250.00
565-OUT-E025006	ERGENCY GENERA	GENERATORS	565	FUEL TANK CLEANING (IF NEEDED)	Electrical_Contractor						
565-OUT-E025007	ERGENCY GENERA	GENERATORS	565	CHANGE BATTERIES (IF NEEDED) (Cost provided at time of need)	ELECTRICAL						
565-OUT-E025008	ERGENCY GENERA	GENERATORS	565	CHANGE FUEL AND OIL FILTERS (IF NEEDED) (Cost provided at time of need)	ELECTRICAL						
565-OUT-E025009	ERGENCY GENERA	GENERATORS	565	FLUSH OIL AND COOLANT SYSTEM (IF NEEDED) (Cost provided at time of need)	ELECTRICAL						
565-OUT-E025010	ERGENCY GENERA	GENERATORS	565	GENERATE CORRECTIVE MAINTENANCE (IF NEEDED) (Cost provided at time of need)	ELECTRICAL						

565-OUT-E025001	ERGENCY GENERAT	GENERATORS	565	<p style="text-align: center;">BIENNIAL</p> <p style="text-align: center;">Manually run generator Record run time hours and turn in all reports to EHS. Check all fluids, oil, coolant etc. Check all electrical components, batteries, block heater and charger. Check belts, hoses, floats and pumps. Verify all generator and life safety distribution equipment functions properly. Take output voltage and load readings. Fuel sampling of tank Fuel tank centrifuge cleaning. Change batteries regardless if needed. Change fuel and oil filters regardless if needed. Change air filter and oil regardless if needed. Flush oil and coolant system regardless if needed. Generate corrective maintenance if needed. Load bank test and report.</p>	ELECTRICAL	0	2 Y	\$0.00	\$5,000.00		\$5,000.00
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Total	\$8,505.00
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<b>Sub Total</b>	<b>\$ 8,505.00</b>
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# ESTIMATE