EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
Air Handling Unit	AHU 25	Central Utility Plant		Central Utility Plant	2000
	Mfg. York7.5 hp,460/3/60, 10,350cfm				
Air Handling Unit	AHU 26	Central Utility Plant		Central Utility Plant	2000
	Mfg. York7.5 hp,460/3/60, 10,350cfm				
Air Handling Unit	AHU 29	Central Utility Plant		Central Utility Plant	2000
	Mfg. York7.5 hp,460/3/60, 10,350cfm				
Air Handling Unit	AHU 27	Central Utility Plant		Central Utility Plant	2000
	Mfg. York 5 hp,460/3/60, 9860cfm				
Air Handling Unit	AHU 28	Central Utility Plant		Central Utility Plant	1998
	Mfg. York 5 hp,460/3/60, 9860cfm				
Air Handling Unit	AHU 30	Central Utility Plant		Central Utility Plant	1998
	Mfg. York 10 hp,460/3/60, 10,350cfm	-			
Air Handling Unit	AHU 31	Central Utility Plant		Central Utility Plant	1998
	Mfg. York 5 hp,460/3/60, 13,300cfm	-			
Air Handling Unit	AHU 32	Central Utility Plant		Central Utility Plant	1998
C C	Mfg. York 5 hp,460/3/60, 5,900cfm				
Air Handling Unit	AHU 33	Central Utility Plant		Central Utility Plant	1998
-	Mfg. York 7.5 hp,460/3/60, 10,350cfm	-			
ARC 14310001	SVC Air Compressor #1	Central Utility Plant	Model No. 234, Type 30	Service Air to Central	1992
e-19	Output (Max) 200 PSI @ 650F;	Floor 1	Serial No. 30T 360934	Utility Plant	
	Ingersol Rand				
ARC 143100002	SVC Air Compressor #2	Central Utility Plant	Model No. BN	Service Air to Central	1992
e-20	Capacity 200 PSI @ 650F;	Floor 1	Serial No. BN3853A	Utility Plant	
	Discharge Pressure 125 PSI;			- ,	
	Worthington				
ARC 143100011	Inst. Air Compressor #1	Central Utility Plant	Model No. 30253R	Instrument Air to Central	1992
e-21	Airdyne Air Compressor; Type 30253R	Floor 1	Serial No. 10787J7028C	Utility Plant	
ARC 143100012	Inst. Air Compressor #2	Central Utility Plant	Model No. T-3D253	Instrument Air to Central	1992
e-22	Capacity: 7.5 CF:; Discharge Pressure;	Floor 1	Serial No. 433702	Utility Plant	1002
0 22	125 PSIG; Ingersol Rand Air Compressor				
ARC 143100013	Inst. Air Compressor #3	Central Utility Plant	Model No. 325	Instrument Air to Central	1992
e-23	Quincy Air Compressor #3	Floor 1	Serial No. 284064	Utility Plant	1992
	Inst. Air Compressor #4		Model No. 325		1000
ARC 143100014 E-24		Central Utility Plant		Instrument Air to Central	1992
	Quincy Air Company	Floor 1	Serial No. 567395	Utility Plant	1000
ARC 143100014	Inst. Air Compressor 5	Central Utility Plant	Model No.	Instrument Air to Central	1992
E-24	Duplex	Floor 1	Serial No.	Utility Plant	

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
bbdt 54300003 e-25	Boiler Blow Down Tank #1 Size: 30" Dx6'-0" Pressure: 30 PSIG @ 220F Natkin Company	Central Utility Plant Floor 1	Model No. Data not Available Serial No. 8060	Blow Down Tank for Boilers	1992
bbdt 54300004 e-26	Boiler Blow Down Tank #2 Size: 30"D x 6'-0" Pressure: 30 PSIG @ 220F Natkin Company	Central Utility Plant Floor 1	Model No. Data not Available Serial No. 8059	Blow Down Tank for Boilers	1992
blr 44100003 e-29	Boiler #4 Mfg. Nebraska Steam Capacity: 50,000 lbs./hr; Operating Pressure: 230 PSIG; Steam Pressure 600F; Feed Water Temperature: 250F; Sediment Chamber & Heat; Exchanger: Reco 350 GPM 600F 220 PSIG	Central Utility Plant Floor 1	Model No. Data not Available Serial No. D4161	Steam to Turbines 6 & 8	1998
bir 44100003 e-29	Boiler #5 Mfg. Nebraska Steam Capacity: 50,000 lbs./hr; Operating Pressure: 230 PSIG; Steam Pressure 600F; Feed Water Temperature: 250F; Sediment Chamber & Heat; Exchanger: Reco 350 GPM 600F 220 PSIG	Central Plant Floor 1	Model No. Data not Available Serial No. D4159	Steam to Turbines 6 & 8	1998
	Coling tower # 1 Marley Pumps 1, 2, & 3 150 HP. Fans1 & 2 150 hp.	North side	2 cell		Built mid 80's and rehab mid 90"s
	Coling tower 2 Pumps 4,5,6,7, & 8 150 hp. Fans 3,4,5, & 6 150 hp.	Southside	Four cell marley		2013
	Cooling Tower 3 Pumps 10,11,12,13,&14 200 hp. Fans 7,8,9, & 10 150 hp.	Southside	Four cell Marley		1995
	Cooling tower 4 Pumps 15,16,17,18 &19 200 hp. Fans 11,12,13, & 14 150 hp.	Southside	Four cell marley		1995

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
cpr228250003 e-35	Turbine #6 Mfg. Elliott Steam Turbine; rated H.P. 1990; Trip RPM 5350; Valve Travel ¾ in.; Max. H.P. 2190; Frame K2G03; Throttle Steam, Pressure at Steam Turbine, PSIG: 220; Steam Temp.: 600F	Central Utility Plant Floor 1	Model No Type K Serial No Data not Available	Drives Compressor for Chiller #6	2001
cpr228250003 e-35	Turbine #8 Mfg. Elliott Steam Turbine; rated H.P. 1990; Trip RPM 5350; Valve Travel ¾ in.; Max. H.P. 2190; Frame K2G03; Throttle Steam, Pressure at Steam Turbine, PSIG: 220; Steam Temp.: 600F	Central Plant Floor 1	Model No DYHHPL3 Serial No E002700 25	Drives Compressor for Chiller #8	2001
ctc241100001 e-36	Chiller #1 Mfg. York Capacity, tons: 1000; Chilled Water, GPM: 1600; Evaporator Drop Max., FT. 40; Chilled Water Temp. Out, 40F; Refrigerant Condenser Water, GPM: 3000; Max Pressure Drop Condenser 30'; Refrigerant Condenser Water In: 86F; Refrigerant Condenser Water Out: 96+F, 134A refrigerant	Central Utility Plant Floor 1	Model No 238B3D Serial No E002702		REMOVED FROM SERVICE
cpictc241100005	Chiller No. 6 STEAM Mfg. York 3300-ton – Chill Water G.P.M. – 4800, Condenser Water G.P.M. – 7200, Refrig. 134A	Central Utility Plant Floor 1	Model No. 0M2500 Serial No. GEJ0132740	Supplies Chill Water to Terminals	1999
cpictc241100005	Chiller No. 7 ELECTRIC Mfg. York 3340-ton – Chill Water G.P.M. – 4800, Condenser Water G.P.M. – 7200, Refrig. 134A	Central Utility Plant Floor 1	Model No. 0M3340 Serial No. GCJ0082732	Supplies Chill Water to Terminals	1999
cpictc241100005	Chiller No. 8 STEAM Mfg. York 3300-ton – Chill Water G.P.M. – 4800, Condenser Water G.P.M. – 7200, Refrig. 134A	Central Utility Plant Floor 1	Model No. 0M3300 Serial No.GDJ0182738	Supplies Chill Water to Terminals	2005

IAH CUP (13 Pages) C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC --Not In Contract

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
cpictc241100005	Chiller No. 9 ELECTRIC Mfg. York 3340-ton – Chill Water G.P.M. – 4800, Condenser Water G.P.M. – 7200, Refrig. 134A	Central Utility Plant Floor 1	Model No. 0M3340 Serial No. GCJ0162731	Supplies Chill Water to Terminals	2000
dwh154300007 e-47	Deaerator Feed Water Heater #3 Capacity: 50,000 lbs/hr; Operating Pressure Max.: 50PSIG; Outlet Temp: 250F; Condensate in Max.: 94,500 lbs/hr; Extraction Steam In: 6400 lbs/hr; Condensate Temp: 115F; Condensate Enthalpy: 83 BTU/lb.; Extraction Enthalpy: 1164 BTU/lb; Guaranteed Oxygen Max.: .0005	Central Utility Plant Floor 1	Model No Data not Available Serial No Data not Available	Boiler Feed Water to Boilers. Also condensate return.	Rebuilt 2015
dwh154300007 e-47	Deaerator Feed Water Heater #4 Capacity: 50,000 lbs/hr; Operating Pressure Max.: 50 PSIG; Outlet Temp: 250F; Condensate in Max.: 94,500 lbs/hr; Extraction Steam In: 6400 lbs/hr; Condensate Temp: 115F; Condensate Enthalpy: 83 BTU/lb.; Extraction Enthalpy: 1164 BTU/lb; Guaranteed Oxygen Max.: .0005	Central Utility Plant Floor 1	Model No Data not Available Serial No Data not Available	Boiler Feed Water to Boilers. Also condensate return.	Rebuilt 2015
efb141200081 e-48	Exhaust Fan #6 Mfg. Penn	Central Utility Plant Floor 1	Model No. – No Tag Serial No. – No Tag	Central Utility Plant	1992
efb141200085 e-49	Exhaust Fan #7 Mfg. Acme Fan Corporation	Central Utility Plant Floor 1	Model No. – No Tag Serial No. – No Tag	Central Utility Plant	1992
efb141200099 e-50	Exhaust Fan #5 Mfg. Acme Fan Corporation	Central Utility Plant Floor 1	Model No. – No Tag Serial No. – No Tag	Central Utility Plant	1992
efb141400007 e-51	Exhaust Fan #1 Mfg. Acme Fan Corporation	Central Utility Plant (Roof Mounted)	Model No. P44M Serial No. BU58094	Central Utility Plant	1992
efb141400008 e-52	Exhaust Fan #2 Mfg. Acme Fan Corporation	Central Utility Plant (Roof Mounted)	Model No. P44M Serial No. BU58095	Central Utility Plant	1992
efb141400009 e-53	Exhaust Fan #3 Mfg. Acme Fan Corporation	Central Utility Plant (Roof Mounted)	Model No. P44M Serial No. BU58092	Central Utility Plant	1992
efb141400100 e-54	Exhaust Fan #4 Mfg. York Equipment	Central Utility Plant (Roof Mounted)	Model No. P44M Serial No. Can not read	Central Utility Plant	1992
	Chiller # 3 Tran electric varible speed drive, duel circuit R 123	Floor 1 main bldg	1,500 ton per circuit total 3,000 tons		2013

The Equipment list (Exhibit "M") may not be comprehensive and fully inclusive.

Contractor will be responsible for all equipment regardless of its inclusion or exclusion on the list.

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
	Chiller # 4 Trane electric 4,160 volts varible speed drive, duel circuit R123	Floor 1 main bldg	1,500 tons per circuit total 3,000 tons		2013
	Chiller # 5 Trane electric 4,160 volts constantent speed drive R123	Floor 1 main bld.	2,500 ton duel circuit 1,250 tons each		2013
e-61	MCC#1 Motor Control Center	Central Utility Plant Floor 1	480 volt	Voltage Panels for Equipment	2013
e-62	MCC #2 Motor Control Center	Central Utility Plant Floor 1	480 volt	Voltage Panels for Equipment	2013
mcc 61100003 e-63	MCC #3 Motor Control Center	Main Electrical Vault	480 volt	Voltage Panels for Equipment on Tower #2 Panel DHP	2013
mcc 61100004 e-64	MCC #4 Motor Control Center	Central Utility Plant Floor 1	480 volt	Voltage Panel for Equipment	2013
mcc 61100005 e-65	MCC #5 Motor Control Center	Main Electrical Vault	480 volt	Voltage Panel for Equipment on Tower #2 Panel DHP	2013
ext154300005 e-55	Hot water expansion tank	Central Utility Plant Floor 1		Primary Hot Water system	2013
ext154300006 e-56	Chill water expansion tank	Central Utility Plant Floor 1		Chill Water System	2013
pbf143200005 e-68	Boiler Feed Pump #4	Central Utility Plant Basement		Boiler Feed Water to Boilers	2013
pbf143200005 e-68	Boiler Feed Pump #5	Central Utility Plant Basement		Boiler Feed Water to Boilers	2014
pmp 43200001 e-69	Svc. Water Boost Pump #1 Capacity Cold Water: 200 G.P.M.; Head: 250 FT; Efficiency Min: 65% .25 H.P.	Central Utility Plant Floor 1	Model No CNE Serial No Data not Available	City Water to Storage Tanks	Rebuilt 2012

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
pmp 43200002 e-70	Svc. Water Boost Pump #2 Capacity Cold Water: 200 G.P.M.; Head: 250 FT; Efficiency Min: 65%. 25 H.P.	Central Utility Plant Floor 1	Model No CNE Serial No Data not Available	City Water to Storage Tanks	Rebuilt 2012
pmp 43200007 e-72	Chilled Water Pump #1 Mfg. Worthington Capacity Water: 1600 G.P.M.; 200 H.P., 1780 RPM Head: 250 FT; Efficiency: 78%	Central Utility Plant Floor 1	Model No 6 LR-18 Serial No Data not Available	Chilled Water System	Motor & VFD new 2013
ртр 43200008 e-73	Chilled Water Pump #2 Mfg. Worthington Capacity Water: 1600 G.P.M.; 200 H.P., 1780 RPM Head: 250 FT; Efficiency: 78%	Central Utility Plant Floor 1	Model No 6 LR-18 Serial No Data not Available	Chilled Water System	Moter & VFD new 2013
pmp 43200009 e-74	Chilled Water Pump #3 Mfg. Worthington Capacity Water: 1600 G.P.M.; 200 H.P., 1780 RPM Head: 250 FT; Efficiency: 78%	Central Utility Plant Floor 1	Model No 6 LR-18 Serial No Data not Available	Chilled Water System	Motor & VFD new 2013
	Chilled Water pump # 5	Central Utility Plant Floor 1	450 hp.	Chiller #4	Pump & VFD new 2013
pmp 43200010 e-75	Chilled Water Pump #6	Central Utility Plant Floor 1	450 hp.	Chiller # 3	Pump & VFD new 2013
	Boilers 6,7,8,9, & 10 Unilux forced hot water model ZF1600 300 deg. 200 psi 15,810 MBU each	Central Utility Plant Floor 1		Terminal Hot water System	New 2013
cpipmp43200073	Chill Water Pump No. 8 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1		Supplies Chill Water to Chiller # 5	1992
cpipmp43200074	Chill Water Pump No. 9 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1	Model No6X8X20 Series411 Serial No Data not Available	Supplies Chill Water to Chiller # 5	1992

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
cpipmp43200074	Chill Water Pump No. 10 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1	Model No6X8X20 Series411 Serial No Data not Available	Supplies Chill Water to Chiller # 6	1992
cpipmp43200074	Chill Water Pump No. 11 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1	Model No6X8X20 Series411 Serial No Data not Available	Supplies Chill Water to Chillers	1992
cpipmp43200074	Chill Water Pump No. 12 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1	Model No6X8X20 Series411 Serial No Data not Available	Supplies Chill Water to Chiller # 8	1992
cpipmp43200074	Chill Water Pump No. 13 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1	Model No6X8X20 Series411 Serial No Data not Available	Supplies Chill Water to Chiller # 9	1992
cpipmp43200074	Chill Water Pump No. 14 Mfg. Aurora 200 H.P. 1750 RPM Aurora Pump, 6x8x20 Series 411; 2500 G.P.M.; 200 P.S.I. @ 250 tons	Central Utility Plant Floor 1	Model No6X8X20 Series411 Serial No Data not Available	Supplies Chill Water to Chillers	1992
pmp 43200013 e-78	Hot Water Pump #1 Mfg. Worthington Capacity: 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 75%	Central Utility Plant Floor 1	Model No 4LR11 Serial No Data not Available	Primary Hot Water to Terminals	1992
pmp 43200014 e-79	Hot Water Pump #2 Mfg. Worthington 9-7/8" Impeller; 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 85%	Central Utility Plant Floor 1	Model No 4LR11 Serial No Data not Available	Primary Hot Water to Terminals	1992

IAH CUP (13 Pages) C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC --Not In Contract

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
pmp 43200015 e-80	Hot Water Pump #3 Mfg. Worthington Capacity: 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 8?%	Central Utility Plant Floor 1	Model No 4LR11 Serial No Data not Available	Primary Hot Water to Terminals	1992
pmp 43200015 e-80	Hot Water Pump #4 Mfg. Worthington Capacity: 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 8?%	Central Utility Plant Floor 1	Model No 4LR11 Serial No Data not Available	Primary Hot Water to Terminals	1992
pmp 43200015 e-80	Hot Water Pump #5 Mfg. Worthington Capacity: 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 8?%	Central Utility Plant Floor 1			1992
pmp 43200015 e-80	Hot Water Pump #6 Mfg. Worthington Capacity: 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 8?%	Central Utility Plant Floor 1	Model No 4LR11 Serial No Data not Available	Primary Hot Water to Terminals	1992
pmp 43200015 e-80	Hot Water Pump #7 Mfg. Worthington Capacity: 700 G.P.M.; Head: 300 FT; 100 H.P. 3450 RPM Efficiency: 8?%	Central Utility Plant Floor 1	Model No 4LR11 Serial No Data not Available	Primary Hot Water to Terminals	1992
pmp 43200024 e-81	Condenser Water Pump #1 Mfg. Worthington Capacity: 3000 G.P.M.; Head: 85 FT; 100 H.P. 1725 RPM Efficiency: 77% min.	Central Utility Plant		Condenser Water to Cooling Tower #1	1999
pmp 43200025 e-82	Condenser Water Pump #2 Mfg. Worthington Water Capacity: 3000 G.P.M.; Head: 85 FT; 100 H.P. 1725 RPM Efficiency: 77% min.	Central Utility Plant 4 cell Marley		Condenser Water to Cooling Tower # 1	1999
pmp 43200026 e-83	Condenser Water Pump #3 Mfg. Worthington Water Capacity: 3000 G.P.M.; Head: 85 FT; 100 H.P. 1725 RPM Efficiency: 77% min.	Central Utility Plant 4 cell Marley		Condenser Water to Cooling Tower # 2	2013

The Equipment list (Exhibit "M") may not be comprehensive and fully inclusive.

Contractor will be responsible for all equipment regardless of its inclusion or exclusion on the list.

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
pmp 43200027 e-84	Condenser Water Pump #4 Mfg. Simmons Water Capacity: 3000 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 4 cell Marley		Condenser Water to Cooling Tower #2	2013
PMP 43200028 e-85	Condenser Water Pump #5	Central Utility Plant		Condenser Water to Cooling Tower # 2	2013
pmp 43200029 e-86	Condenser pump # 6	Central Utility Plant		Condenser Water to Cooling Tower #2	2013
pmp 43200030 e-87	Condenser Water Pump #7	Central Utility Plant		Condenser Water to Cooling Tower # 2	2013
pmp 43200031 e-88	Condenser Water Pump #8	Central Utility Plant		Condenser Water to Cooling Tower # 2	2013
pmp 43200032 e-89	Condenser Water Pump #9 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 4 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	2013
pmp 43200032 e-89	Condenser Water Pump #10 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 4cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032 e-89	Condenser Water Pump 11 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 4 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032 e-89	Condenser Water Pump #12 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 4 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032 e-89	Condenser Water Pump #13 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 8 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
pmp 43200032 e-89	Condenser Water Pump #14 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 8 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032 e-89	Condenser Water Pump #15 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 8 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032 e-89	Condenser Water Pump #16 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 8 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032	Condenser Water Pump #17	Central Utility Plant	Model No. Data not Available	Condenser Water to Condenser System	1995
e-89	Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	8 cell Marley	Serial No. Data not Available		
pmp 43200032 e-89	Condenser Water Pump #18 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 8 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
pmp 43200032 e-89	Condenser Water Pump #19 Mfg. Simmons Water Capacity: 3300 G.P.M.; Head: 85 FT; 125 H.P. 1725 Efficiency: 77% min.	Central Utility Plant 8 cell Marley	Model No. Data not Available Serial No. Data not Available	Condenser Water to Condenser System	1995
	Water softner, duplex.70 gmps	Central Utility Plant			
pmp 43200033 e-90	Hot Well Pump #1A Mfg. Worthington Flow: 13440 lbs/hr; Total Head FT: 150	Central Utility Plant Floor 1	Model No. 1DNH 62 Serial No. Data not Available	Steam Condenser Condensate Return	2012

IAH CUP (13 Pages) C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units FT – Feet HD – Head S.P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NIC --Not In Contract

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
pmp 43200034 e-91	Hot Well Pump #1B Mfg. Worthington Flow: 13440 lbs/hr; Total Head FT: 150	Central Utility Plant Floor 1	Model No. 1DNH 62 Serial No. Data not Available	Steam Condenser Condensate Return	2012
pmp 43200035 e-92	Hot Well Pump #2A Mfg. Worthington Flow: 13440 lbs/hr; Total Head FT: 150	Central Utility Plant Floor 1	Model No. 1DNH 62 Serial No. Data not Available	Steam Condenser Condensate Return #2 Turbine	Rebuilt 2013
pmp 43200036 e-93	Hot Well Pump #3A Mfg. Worthington Flow: 26,900 lbs/hr; Total Head FT: 150	Central Utility Plant Floor 1	Model No. 1DNH 62 Serial No. Data not Available	Steam Condenser Condensate Return #2 Turbine	Rebuilt 2013
pmp 43200037 e-94	Hot Well Pump #2B Mfg. Worthington Flow: 13440 lbs/hr; Total Head FT: 150	Central Utility Plant Floor 1	Model No. 1DNH 62 Serial No. Data not Available	Steam Condenser Condensate Return #2 Turbine	Rebuilt 2012
pmp 43200038 e-95	Hot Well Pump #3B Mfg. Worthington Flow: 26,900 lbs/hr; Total Head FT: 150	Central Utility Plant Floor 1	Model No. 1DNH 62 Serial No. Data not Available	Steam Condenser Condensate Return #2 Turbine	Rebuilt 2014
	Mitsubishi model 1100 UPS rack	Main floor		Low Voltage Protection for CUP Equipment	2013
	Mitsubishi model 1300 UPS rack	Control Building		Low Volatage Protection for Control Bldg Equipment	2013
sup 143200016 e-100	Sump Pump #1 General Electric ½ H.P. 440/60/3	Central Utility Plant Basement	Model No. Data not Available Serial No. Data not Available	Sump in Basement	1992
sup 143200017 E-101	Sump Pump #2 General Electric ½ H.P. 440/60/3	Central Utility Plant Basement	Model No. Data not Available Serial No. Data not Available	To Sewer	1992
swpt54300001 e-102	Svc. Water Pressure Tank Size: 72"D x 13'-6" Pressure: 150 PSIG @ 100F	Central Utility Plant Floor 1	Model No. Data not Available Serial No. Data not Available	City Water to Service Water Tank	1992
swst54300002 e-103	Svc. Water Surge Tank Size: 5'-0" Inside x 7'-0" Long x 8'-0" high – Open	Central Utility Plant Floor 1	Model No. Data not Available Serial No. Data not Available	Service Water to Expansion Tanks	1992
cpipmp43200016	Hot Water Pump No. 4 Peerless Pump 415 x 11.25; 200 PSIM 480 G.P.M.	Central Utility Plant Floor 1	Model 4AE11G Serial No. Data not Available	Supplies Hot Water to Terminals	New motor & VFD 2013

The Equipment list (Exhibit "M") may not be comprehensive and fully inclusive.

Contractor will be responsible for all equipment regardless of its inclusion or exclusion on the list.

IAH CUP (13 Pages)	C.F.M. – Cubic Feet Per Minute G.P.M. – Gallons Per Minute CW – Chilled Water HW – Hot Water BTU – British Terminal Units
FT – Feet HD – Head S.	P. – Static Pressure P.S.I. – Pounds Per Square Inch H.P. – Horsepower NICNot In Contract

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
Submersible Pump	Submersible Pump	Central Utility Plant	N/A		2003
Submersible Pump	Submersible Pump	Central Utility Plant	N/A		2003
Submersible Pump	Submersible Pump	Central Plant Cooling Tower	N/A		2003
Submersible Pump	Submersible Pump	Central Plant Cooling Tower	N/A		2003
MCC 1	Motor Control Center, 480 volt	Central Utility Plant		Critical Auxilary Equipment, Unilux Boilers	2013
MCC 1A	Motor Control Center, 480 volt	Central Utility Plant		HWP #1 & #2 SWP #1 & #2	2013
MCC 2A	Motor Control Center	Central Utility Plant			2013
MCC 3	Motor Control Center	Central Utility Plant		Tower 2	2013
MCC 4A	Motor Control Center, 480 volt	Central Utility Plant		CHWP #8 & #9	2003
MCC 6	Motor Control Center, 480 volt	Main Electrical Vault		Tower #4 Equipment	2013
MCC 7	Motor Control Center, 480 volt	Main Electrical Vault		Tower #3 Equipment	2013
MCC 8	Motor Control Center, 480 volt	Central Utility Plant		Equipment for Chiller #7, unilux circulating pumps	2013
MCC 9	Motor Control Center, 480 volt	Central Utility Plant		Equipment for Chiller #9	1992
MCC 10	Motor Control Center, 480 volt	Central Utility Plant		Boiler Room Equipment and Cooling Tower #1	1992
MCC 11	Motor Control Center, 480 volt	Central Utility Plant		Boiler Room Equipment and Cooling Tower #1	1992
Chiller #2 MCC	Motor Control Center, 480 volt	Central Utility Plant			
Chiller #3 MCC	Motor Control Center, 480 volt	Central Utility Plant			
Chiller #6 MCC	Motor Control Center, 480 volt	Central Utility Plant		Chiller 6	1995

EQUIP ID	EQUIP DESC	LOCATION	MODEL/SERIAL #	AREA SERVED	INSTALL YEAR
Chiller #8 MCC	Motor Control Center, 480 volt	Central Utility Plant		Chiller 8	1995
Main Switch Gear 1	Main Feeder for MCC	Central Utility Plant		MCC 1, 1A, 4	
Main Switch Gear 2	Main Feeder for MCC	Central Utility Plant		MCC 2, 4A	
Main Switch Gear 3	Main Feeder for MCC	Main Electrical Vault		MCC 3, 5	1995
Switch Gear A	Main Feeder for MCC	Main Electrical Vault		MCC 6, 8, 10	1995