

Indianapolis Public Transportation Corporation (IndyGo)
IFB No. 10-1-260
HVAC Preventive Maintenance and On-Call Facility Repair

ATTACHMENT 2
EQUIPMENT LIST

<u>EQUIPMENT DESIGNATION</u> <u>(Quantity if more than 1)</u>	<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>SIZE</u>	<u>REMARKS</u>
HEAT RECOVERY UNITS				
HRU 2A	Heat Recovery Unit	Roof, CL H/8	24100 CFM	New in 2010
HRU 2B	Heat Recovery Unit	Roof, CL J.4/7	24100 CFM	New in 2010
HRU 2C	Heat Recovery Unit	Roof, CL H/16	24100 CFM	New in 2010
HRU 2D	Heat Recovery Unit	Roof, CL J.4/16	24100 CFM	New in 2010
HRU 2E	Heat Recovery Unit	Roof, CL H/12	24100 CFM	New in 2010
HRU 2F	Heat Recovery Unit	Roof, CL J/25	24100 CFM	New in 2010
HRU 3	Heat Recovery Unit	Roof, CL G/26	32000 CFM	New in 2010
HRU 4	Heat Recovery Unit	Roof, CL G/7	32000 CFM	New in 2010
HEATING AND VENTILATING UNITS				
HV 1A	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1B	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1C	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1D	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1E	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1F	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1G	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV 1H	Heating and Ventilating Unit	Roof, Bus Storage	35000 CFM	New in 2010
HV-2	Heating and Ventilating Unit	Roof, CL K/23	3500 CFM	New in 2010
EXHAUST FANS				
EF-101A	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101B	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101C	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101D	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101E	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101F	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101G	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101H	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101I	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101J	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101K	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-101L	Exhaust Fan - Mixed Flow	Roof, Bus Storage	24000/12000 CFM	New in 2010 Replaced F-1
EF-102A	Exhaust Fan - Wall Propeller	Wall, CL B.2/27	10250 CFM	New in 2010 Replaced F-30A
EF-102B	Exhaust Fan - Wall Propeller	Wall, CL C.3/27	10250 CFM	New in 2010 Repaced F-30B
EF-102C	Exhaust Fan - Wall Propeller	Wall, CL D.7/27	10250 CFM	New in 2010 Replaced F-30C
EF-103	Centrifugal Roof Exhauster	Roof, CL G/6	865 cfm	New in 2010 Replaced F-14A
EF-104	Centrifugal Roof Exhauster	Roof, CL G/8	865 CFM	New in 2010 Replaced F-14B
EF-105	Centrifugal Roof Exhauster	Roof, CL G/11	2200 CFM	New in 2010 Replaced F-15A
EF-106	Centrifugal Roof Exhauster	Roof, CL G/18	450 CFM	New in 2010 Replaced F-23A
EF-107	Centrifugal Roof Exhauster	Roof, CL H.1/16	355 CFM	New in 2010 Replaced F-8A
EF-108	Centrifugal Roof Exhauster	Roof, CL G/22	740 CFM	New in 2010 Replaced F-10A
EF-109	Centrifugal Roof Exhauster	Roof, CL G/21	855 CFM	New in 2010 Replaced F-11A
EF-110	In-line Exhaust Fan	J.4/9	395 CFM	New in 2010 Replaced F-34
EF-111	Centrifugal Roof Exhauster	Roof, CL K/9	355 CFM	New in 2010 Replaced F-8C
EF-112	Centrifugal Roof Exhauster	Roof, CL K/10	865 CFM	New in 2010 Replaced F-14C
EF-113	Centrifugal Roof Exhauster	Roof, CL K/13	355 CFM	New in 2010 Replaced F-13B

<u>EQUIPMENT DESIGNATION</u> <u>(Quantity if more than 1)</u>	<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>SIZE</u>	<u>REMARKS</u>
EF-114	Centrifugal Roof Exhauster	Roof, CL L/5	1225 CFM	New in 2010 Replaced F-15B
EF-115	Centrifugal Roof Exhauster	Roof, CL L/7	9000 CFM	New in 2010 Replaced F-16B
EF-116	Centrifugal Roof Exhauster	Roof, CL H.7/27	550 CFM	New in 2010 Replaced F-6B
EF-117	Centrifugal Roof Exhauster	Roof, CL J.7/26.5	970 CFM	New in 2010 Replaced F-20A
EF-118	Centrifugal Roof Exhauster	Roof, CL J.7/26.5	1455 CFM	New in 2010 Replaced F-21B
EF-119	Centrifugal Roof Exhauster	Roof, CL K/26.5	4400 CFM	New in 2010
EF-120	Centrifugal Roof Exhauster	Roof, CL K/20	350 CFM	New in 2010 Replaced F-19A
EF-125	Exhaust Fan - Veh. Exhaust	Roof, CL H/9	3900 CFM	New in 2010 Replaced ERF-2
EF-126	Exhaust Fan - Veh. Exhaust	Roof, CL H/21	5850 CFM	New in 2010 Replaced ERF-4
EF-127	Exhaust Fan - Veh. Exhaust	Roof, CL J/7	4550 CFM	New in 2010 Replaced ERF-1
EF-128	Exhaust Fan - Veh. Exhaust	Roof, CL J/14	3250 CFM	New in 2010 Replaced ERF-3
EF-129	Exhaust Fan - Veh. Exhaust	Roof, CL J/23	3250 CFM	New in 2010 Replaced ERF-5
F 7	Exhaust Fan	Roof, CL G/3.8	8215 CFM	
F 15	Exhaust Fan	Water Reclaim	1225 CFM	
F-PB-B	Exhaust Fan	Roof, Paint Booth	20,000 CFM (est.)	
F-13	Exhaust Fan	Roof, CL H/3.8	350 CFM	
UNIT HEATERS				
UH-1 (2 TOTAL)	Unit heater	Tire Shop	16.6 MBH	New in 2010
UH-2 (10 TOTAL)	Unit heater	Maint., Tire Shop	13.4 MBH	New in 2010
UH-3 (3 TOTAL)	Unit heater	Maintenance	14.0 MBH	New in 2010
UH-4 (3 TOTAL)	Unit heater	Maintenance	24.8 MNBH	New in 2010
UH-5 (5 TOTAL)	Unit heater	Maintenance	27.0 MBH	New in 2010
UH-6 (4 TOTAL)	Unit heater	Fuel & Wash	21.3 MBH	New in 2010
UH-7 (3 TOTAL)	Unit heater	Fuel & Wash	38.1 MBH	New in 2010
UH-9	Unit heater	Fuel & Wash	49.2 MBH	New in 2010
UH-11 (3 TOTAL)	Unit heater	Maintenance	18.4 MBH	New in 2010
UH-12 (3 TOTAL)	Unit heater	Paint, Maint.	72.5 MBH	New in 2010
UH-13	Unit heater	Maint. Offices	17.4 MBH	New in 2010
UH-14	Unit heater	Maint. Offices	34.8 MBH	New in 2010
UH-15	Unit heater	Maint. Offices	34.8 MBH	New in 2010
UH-16	Unit heater	Maint. Offices	47 MBH	New in 2010
UH-17	Unit heater	Maint. Offices	47.0 MBH	New in 2010
UH-18 (8 TOTAL)	Unit heater	Parts Storage	16.7 MBH	New in 2010
UH-19 (5 TOTAL)	Unit heater	Parts Storage	50.5 MBH	New in 2010
UH-20	Unit heater	Parts Stg., Loading	48.4 MBH	New in 2010
UH-21	Unit heater	Paint	34.8 MBH	New in 2010
ELECTRIC UNIT HEATERS				
EUH 1A	Electric Unit Heater	Boiler Room	5.0 kw	New in 2010
EUH 1B	Electric Unit Heater	Boiler Room	5.0 kw	New in 2010
EUH 1C	Electric Unit Heater	Boiler Room	5.0 kw	New in 2010
EUH 1D	Electric Unit Heater	Boiler Room	5.0 kw	New in 2010
ELECTRIC INFRARED HEATERS				
IRH 1A	Infrared Radiant Heater	Treasury	3.2 kw	New in 2010
IRH 1B	Infrared Radiant Heater	Treasury	3.2 kw	New in 2010
IRH 1C	Infrared Radiant Heater	Treasury	3.2 kw	New in 2010
IRH 1D	Infrared Radiant Heater	Treasury	3.2 kw	New in 2010
AIR HANDLING UNITS				
AHU 3	Air Handling Unit	Purch., CL K/26.4	5200 cfm	New in 2010, Replaced AHU-3
AHU 5	Air Handling Unit	Maint., CL G/16	2960 cfm	New in 2010, Replaced AHU-5
AHU 1	Air Handling Unit	Operations Office	17000 CFM	
AHU 2A	Air Handling Unit	Admin Offices	4000 CFM	

<u>EQUIPMENT DESIGNATION</u> <u>(Quantity if more than 1)</u>	<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>SIZE</u>	<u>REMARKS</u>
AHU 2B	Air Handling Unit	Admin Offices	8160 CFM	
AHU 2C	Air Handling Unit	Admin Offices	4000 CFM	
AHU 4	Air Handling Unit	Lunch Room Area	3980 CFM	
AHU 6	Air Handling Unit	Board Room	3080 CFM	
AHU 7	Air Handling Unit	Lobby		
MAKE-UP AIR UNITS				
MAU PB-B	Makeup Air Unit	Paint Booth	100,000 CFM (est.)	
MAU PB-C	Makeup Air Unit	Paint Booth	5000 CFM	New in 2010
MAU (2 total)	Makeup Air Unit	Transp. Office	180 MBh	Aaon RK-13
SPLIT SYSTEM AC UNITS				
AC 1 / ACCU-1	Air Conditioner	Maint., CL J.3/26.2	8500 BTUH	New in 2010
AC 2 /ACCU 2	Air Conditioner	Parts Stg. Office	8500 BTUH	New in 2010
AC 3 /ACCU-3	Air Conditioner	Foremans Office	9000 BTUH	New in 2010
AC/ACC Server Room)	Air Conditioner	Server room	5 Ton	New in 2008
ROOFTOP UNITS				
RTU-1	Gas/Elect Rooftop AC Unit	Roof, CL J/26	7.5 Ton, 2800 CFM	New in 2010?
CHILLERS				
	Chiller Evaporator Barrel	Chiller Room	200 tons	
AIR COOLED COND. UNITS				
	Air Cooled Condensing Unit	Roof, CL K/26	160 Tons	York YCAS0160
PUMPS				
HPU-1	Chilled Water Pump	Chiller Room	5 HP	
HPU-2	Chilled Water Pump	Chiller Room	10 HP	
HPU-3	Chilled Water Pump	Chiller Room	3 HP	
HPU-4	Chilled Water Pump	Chiller Room	2 HP	
HPU-5	Chilled Water Pump	Chiller Room	3 HP	
HPU-6	Condensor Pump	Boiler Room	15 HP	
HPU-7	Hydronic Pump	Boiler Room	3 HP	
HPU-8	Hydronic Pump	Boiler Room	5 HP	
HPU-9	Hydronic Pump	Boiler Room	3 HP	
HPU-10	Hydronic Pump	Boiler Room	5 HP	
HPU-11	Hydronic Pump	Boiler Room	15 HP	New in 2010
HPU-12	Hydronic Pump	Boiler Room	2 HP	New in 2010
WASTE OIL HEATERS				
OH (2 Total)	Waste Oil Heater w storage tank and pumps	Bus Storage - CL B/3, D/3		
BOILERS				
B 1	Boiler	Boiler Room	3 MBTU/hr	Aerco Benchmark 3.0
B 2	Boiler	Boiler Room	3 MBTU/hr	Aerco Benchmark 3.0
B 3	Boiler	Boiler Room	3 MBTU/hr	Aerco Benchmark 3.0
DOOR HEATER				
DH-1	Door Heater	Parts Stg / Loading	8920 CFM	New in 2010
DH-2	Door Heater	Parts Stg / Loading	8920 CFM	New in 2010
AIR CURTIANS (4)				
AC (4 total)	Air Curtain	Bus Storage		
AC (2 total)	Air Curtain	Fuel & Wash		
HOT WATER CONVECTOR				

<u>EQUIPMENT DESIGNATION</u> <u>(Quantity if more than 1)</u>	<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>SIZE</u>	<u>REMARKS</u>
CONV-1	Hot Water Convector	Maint., Fuel/Wash	1.9 MBH, 0.5 GPM	New in 2010
CONV-2	Hot Water Convector	Maint., Fuel/Wash	1.9 MBH, 0.5 GPM	New in 2010
CONV-3 (2)	Hot Water Convector	Maint Office	10 MBH, 1.0 GPM	New in 2010
CONV-4 (2)	Hot Water Convector	Maint Office	10 MBH, 1.0 GPM	New in 2010
CONV-EXISTING	Hot Water Convector	M4-121	1210 BTUH/LF	157' IN Area 15
VAV BOXES				
VAV 3-1	Variable Air Volume unit	Purchasing	130 CFM, 1700 BTUH	New in 2010
VAV 3-2	Variable Air Volume unit	Purchasing	340 CFM, 4405 BTUH	New in 2010
VAV 3-3	Variable Air Volume unit	Purchasing	140 CFM, 1825 BTUH	New in 2010
VAV 3-4	Variable Air Volume unit	Purchasing	340 CFM, 4405 BTUH	New in 2010
VAV 3-5	Variable Air Volume unit	Purchasing	140 CFM, 1825 BTUH	New in 2010
VAV 3-6	Variable Air Volume unit	Purchasing	130 CFM, 1700 BTUH	New in 2010
VAV 3-7	Variable Air Volume unit	Purchasing	100 CFM, 1300 BTUH	New in 2010
VAV 3-8	Variable Air Volume unit	Purchasing	250 CFM, 3255 BTUH	New in 2010
VAV 3-9	Variable Air Volume unit	Purchasing	250 CFM, 3255 BTUH	New in 2010
VAV 3-10	Variable Air Volume unit	Purchasing	170 CFM, 2215 BTUH	New in 2010
VAV 3-11	Variable Air Volume unit	Purchasing	170 CFM, 2215 BTUH	New in 2010
VAV 3-12	Variable Air Volume unit	Purchasing	170 CFM, 2215 BTUH	New in 2010
VAV R-1	Variable Air Volume unit	New Training Rm.	660 CFM, 8595 BTUH	New in 2010
VAV R-2	Variable Air Volume unit	New Training Rm.	200 CFM, 2605 BTUH	New in 2010
VAV R-3	Variable Air Volume unit	New Training Rm.	440 CFM, 5730 BTUH	New in 2010
VAV R-4	Variable Air Volume unit	New Training Rm.	270 CFM, 3505 BTUH	New in 2010
VAV R-5	Variable Air Volume unit	New Training Rm.	660 CFM, 8595 BTUH	New in 2010
VAV 5-1	Variable Air Volume unit	Supv. / Foreman	540 CFM	New in 2010
VAV 5-2	Variable Air Volume unit	Training Office	880 CFM	New in 2010
VAV 5-3	Variable Air Volume unit	Manager Office	600 CFM	New in 2010
VAV 5-4	Variable Air Volume unit	Office & Corr.	480 CFM	New in 2010
VAV 5-5	Variable Air Volume unit	Locker Rooms	425 CFM	New in 2010
DOMESTIC WATER HEATER	Water Heater	Boiler Room		
GENERATORS	Emergency Power Generator	Generator Room	500 KW	
AIR COMPRESSORS				
Air Compressor AC-1	Process Air Compressor	Boiler Room	100 HP Screw	
Air Compressor AC-2	Process Air Compressor	Boiler Room	100HP Screw	
Air Compressor	Process Air Compressor	Boiler Room	5 HP (dual)	
UNINERRRUPTIBLE POWER SUPPLIES				
UPS Dispatch	Uninterruptible Power Supply	Dispatch area	30 KW	
UPS Server Room	Uninterruptible Power Supply	Server Room	30 KW	
GAS DETECTION SYSTEM	Gas Detection System	Bus Parking & Maint. Areas	31 ea. CO and NO ₂ Det. & Cent. control panel	New in 2010
OPTIONAL EQUIPMENT				
BUS WASH SYSTEM				
Alternate (3 total)	Drive Through Bus Wash	Fuel & Wash Lane		Ross & White
CYCLONE BUS VACUUM				Retractable bellows, Blower, and compactor.
Alternate (2 total)	Retractable bellows bus vacuum	Fuel & Wash Lane		
PARTS WASHER CABINET				
Alternate	Turntable Parts Washer	Maintenance		Mart Hurricane

<u>EQUIPMENT DESIGNATION</u> <u>(Quantity if more than 1)</u>	<u>EQUIPMENT TYPE</u>	<u>LOCATION</u>	<u>SIZE</u>	<u>REMARKS</u>
STEAM PRESSURE WASHER Alternate	Hot Water Pressure Washer	Chassis Wash		Hotsy
FILTER CRUSHER Alternate	Hydraulic Oil Filter Crusher			Oberg P200