

Building Technology Services,

Inc

13833 Wellington Trace E4-157
Wellington, Florida 33414

Invoice

Date	Invoice #
4/24/2013	92206

Bill To
ANR Realty PO Box 357 Cedar Grove, N.J. 07009

Ship To
Siena at Broken Sound 1095 Broken Sound Blvd. Boca Raton, FL. 33487

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
1.5	Service labor-4/22/13; Water leak on 3rd floor @ AHU#11. Found evap. coil partially frozen, unit had never had a filter install as piping was run in front of filter slot on unit and return grilles are linear and will not accept filters. Return duct had a large opening cut into it above the ceiling. The dirt inside the unit indicates the unit was run throughout the construction work. The drain line was missing insulation in some spots and was sweating and dripping on the ceiling tile. Water was also coming from the supply duct due to the freezing/thawing. It then took half an hour to identify the associated condensing unit on the roof due to the lack of proper labelling of the units on the roof. Operating pressures were indicating a high-side restriction and also reflecting the fact that there was some ice on the evap. coil. Set system to thaw and arranged to return the following day.	72.00	108.00
3	Service labor-4/23/13; Drained about 5 gallons of water from the overflow pan, insulated the balance of the drain trap, adjusted the overflow pan nipple gasket (was dripping), cleaned/flushed evap. coil, put a filter in the return duct and closed the opening that had been cut into the duct. Checked system operation and determined the TXV was restricted as evidenced by the operating pressures and frosting at the TVX outlet. Pumped system down and replaced TXV (one side threaded/one side brazed). Evacuated system, opened service valves to release charge from condensing unit, started system and checked operation. Suction pressure was much improved, but head pressure indicated the presence of non-condensibles. End of day, made arrangements to return the following day.	72.00	216.00
2	Service labor-4/24/13; Recovered the entire system charge which had a mild burnt smell. Charged system with virgin R-22 and checked system operation. There is obviously some debris in the distributor elements on the evap. coil which is causing some restriction but I was able to overcharge system somewhat and normalize the suction pressure to prevent freezing. As long as the restriction doesn't get worse over time, system is okay. A filter rack should be installed in the duct and maybe some marine grade caulking on the overflow pan nipple.	72.00	144.00
1	Carrier OEM Thermostatic Expansion Valve for 13 SEER/4-ton	178.00	178.00
9	LBS. R-22	28.00	252.00

Thank you for your business.

Total

Phone # 561-712-1126 Fax # 561-712-1407 ccampbell_bts@bellsouth.net

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Quantity	Description	Rate	Amount
1	Cork tape, foil tape, pleated filter, acetylene/oxygen, 15% silver brz, recov., evac.	50.00	50.00
	Sales Tax	6.00%	28.80

Thank you for your business.

Total \$976.80

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