

City of Columbus, Department of Finance and Management

Fleet Management Division

Refrigerant Recovery Machines

**The proposal submitted by the bidder to the City of Columbus will be accepted or rejected within a period of 180 days from bid opening date. Bid price shall be guaranteed for 180 days.**

The City of Columbus Fleet Management Division has a need for five (5) fully self-contained A/C refrigerant recovery and evacuation machines for R134A non-hybrid vehicles, one (1) fully self-contained A/C refrigerant recovery and evacuation machine R134A hybrid vehicles and two (2) R-134A manual oil injector assemblies. This request is for the purchase and training of new, unused, and complete most current models of A/C refrigerant recovery and evacuation machines. Delivery shall be F.O.B. Destination, freight prepaid and allowed. The specifications describe the minimum acceptable requirements which a bidder has to meet. The following features are required:

**Item 1: A/C refrigerant recovery and evacuation machines for R134A non-hybrid vehicles**

1. The machine shall meet or exceed the specifications of a Robinaire #34788NI.
2. The machine shall require a 32°-120° F (0°-50°C) operating range.
3. The machine shall have a minimal recovery performance of 95% at 70° to 75°F (21 to 24 C) in less than 30 minutes.
4. The machine shall have a voltage of 125 VAC 60 Hz.
5. The machine shall have a charge performance of +/- 0.5 oz at 70° to 75° F (21 to 24°C).
6. The machine shall have a 5 cm x 9 cm graphical display.
7. The machine shall have a 150 lb (68kg), spin-on type filter-drier capacity.
8. The machine shall have a 9 ft (2.75m) hose.
9. The machine shall weigh approximately 230 lbs (103 kg).
10. The machine shall have a 3/8 hp, pressure protected, oiled, hermetically sealed compressor.
11. The machine shall have dimensions of 48.5 in x 24 x 36 (123 cm x 61 x 91)
12. The machines shall have a 1.5 cfm dual stage, 29.9 inHg vacuum pump.
13. The machine shall have a 30 lb DOT (13.6 kg); 22 lb (10 kg) capacity.
14. The machine shall be SAE J2788 certified.
15. The machine shall have a minimum of one year warranty.
16. Successful bidder shall be required to respond on-site with factory trained technicians within 24 hours of receiving a service call and/or email.

City of Columbus, Department of Finance and Management

Fleet Management Division

Refrigerant Recovery Machines

17. An in person demonstration may be required prior to award and purchase of the machine.

**Item 2: A/C refrigerant recovery and evacuation machine for R134A hybrid vehicles**

1. The machine shall meet or exceed the specifications of a Robinaire #34788NI-H.
2. The machine shall require a 32°-120° F (0°-50°C) operating range.
3. The machine shall have a recovery performance of greater than 95% at 70° to 75°F (21 to 24 C) in less than 30 minutes.
4. The machine shall have a voltage of 125 VAC 60 Hz.
5. The machine shall have a charge performance of +/- 0.5 oz at 70° to 75° F (21 to 24°C).
6. The machine shall have a 5 cm x 9 cm graphical display.
7. The machine shall have a 150 lb (68kg), spin-on type filter-drier capacity.
8. The machine shall have a 9 ft (2.75m) hose.
9. The machine shall weigh approximately 230 lbs (103 kg).
10. The machine shall have a 3/8 hp, pressure protected, oiled, hermetically sealed compressor.
11. The machine shall have dimensions of 48.5 in x 24 x 36 (123 cm x 61 x 91)
12. The machines shall have a 1.5 cfm dual stage, 29.9 InHg vacuum pump.
13. The machine shall have a 30 lb DOT (13.6 kg); 22 lb (10 kg) capacity.
14. The machine shall be SAE J2788 certified.
15. The machine shall have a minimum of one year warranty.
16. Successful bidder shall be required to respond on-site with factory trained technicians within 24 hours of receiving a service call and/or email.
17. An in person demonstration may be required prior to award and purchase of the machine.

**Item 3: R-134A Oil injector, 1/2" Acme quick coupler for use with A/C refrigerant recovery and evacuation machine for R134A hybrid vehicles.**

**Item 4: On-site Training:** A factory-direct sales representative shall perform a one (1) hour operational instruction to Fleet personnel to include familiarizing the Fleet personnel with the machine's controls and operation, along with instructing the Fleet personnel on the machine's routine maintenance functions

Bids will be considered on units complying with the specifications. All alternates must be detailed in an attached letter to bid and the Manufacturer and Model clearly

City of Columbus, Department of Finance and Management

Fleet Management Division

Refrigerant Recovery Machines

identified. Explanations must fully state what is to be furnished. All alternates must meet or exceed specifications. The City of Columbus reserves the right to determine whether any proposed alternates are within the specifications.

***Pricing is to be entered into the corresponding lines in the body of the RFQ.***

***A detailed attachment clearly identifying the Manufacturer, Model Name, and Number of the equipment offered is required. Attachments must be in PDF format. Instructions for adding attachments to can be found in the Vendor Services Guide:***

***[http://vendors.columbus.gov/ layouts/ep/custom/other/VendorUserGuide.pdf](http://vendors.columbus.gov/layouts/ep/custom/other/VendorUserGuide.pdf)***