



**Addendum 6
Request for Information**

RFP-05-06-09 Recycle Plus

March 7, 2006

The City of San Jose (“CITY”) is interested in improving air quality emission from collection vehicles and is issuing this Request for Information (RFI) to address options for CONTRACTORS to utilize Compressed Natural Gas (CNG) or Liquid Natural Gas (LNG). Primary benefits of these alternative fuels include reduction of carbon monoxide, nitrogen oxide and nonmethane hydrocarbon emissions, as well as less particulate matter, and fewer toxic and carcinogenic pollutants.

Additional pros and cons of CNG fuels include:

- CNG vehicle engines can run more efficiently than gasoline powered vehicles, extending the life of the vehicle
- CNG engines in heavy-duty vehicles are generally quieter than diesel engines
- CNG vehicles do not require oil changes as frequently because CNG burns more cleanly producing less deposits in the oil
- CNG vehicles require more frequent refueling because there is less energy by volume

Responses to this RFI are optional. Responses should be submitted in a separate envelope on the documents included with this Addendum, and will be considered separately from the RFP process.

The basic requirements that CONTRACTORS will be responsible for include the following:

1. Purchase of dedicated CNG or LNG vehicles.
2. If the use of CNG/LNG fuel requires a change in the number of collection vehicles used and/or routing described in the response to the RFP, provide a summary of the changes as compared to the base proposal submitted.
3. Submit specifications and cost information for CNG/LNG vehicles. . Forms F and/or G in (attached) of the RFP can be used to submit this information.
4. Submit Cost Proposal Forms A-1 through A-6 (attached) depending on the Service(s) proposing on, and provide the incremental cost for collection services based on the CNG/LNG fuel option. State the percentage above or below the base proposal rate that would be charged on services performed using CNG/LNG vehicles.
5. There are several grant funding sources available to assist in off-setting costs of clean air vehicles and fuels, above and beyond the State mandated emission requirements. If you would anticipate the use of such funds to implement CNG/LNG usage, detail the amount of

incremental costs that this would potentially off-set and what the corresponding rate adjustment would be if such funding was utilized.

To assist you in the evaluation of fuel costs, the following Price Trend Information is for CNG compared to Diesel based on West Coast Averages.

	Week of 3/21/05	Week of 11/15/04	Week of 3/8/04	Week of 12/8/03
CNG Prices (\$/gge)	\$1.56	\$1.82	\$1.59	\$1.66
Change between reporting periods	-\$0.26	+\$0.23	-\$0.07	NA
Diesel Prices (\$/g)	\$2.471	\$2.271	\$1.845	\$1.635
Change between reporting periods	+\$0.197	+0.426	+\$0.21	NA

Data from the U.S. Department of Energy *Clean Cities Alternative Fuel Price Reports* (http://www.eere.energy.gov/afdc/resources/pricereport/price_report.html)

Furthermore, there are several existing CNG fueling stations in the area that are open for public use. The following is a list of locations in San Jose and Santa Clara:

2222 Unified Way, SJ San Jose Unified School District
 2151 Airport Blvd, SJ Mineta International Airport
 3351 Thomas Road, SC Specialty Solid Waste & Recycling

At this time, there are no existing LNG stations located in Santa Clara County.

If the CITY chooses this option to utilize CNG/LNG fuel, the SFD Solid Waste and Recycling Agreements (section 6A and 6B), Articles 7 and 8, and Articles 8 and 10 of the Yard Trimmings and Residential Street Sweeping Agreement (section 7) of the RFP will be amended to incorporate the equipment requirements and compensations provisions. The Refuse Rate Index adjustments, Exhibit 3, would be modified to incorporate an index for CNG/LNG fuel.

**CNG/LNG FUEL - Form A-1
COST PROPOSAL FORM SIGNATURE**

The Undersigned hereby certifies as follows:

That _____ have personally and carefully examined the specifications and instructions for the work to be done for the City of San Jose as set forth in Sections 1 – 7 of this RFP.

That _____ have made examination of the services as applicable to the Proposal, and fully understand the character of the work to be done.

That, having made the necessary examination, the undersigned hereby proposes to furnish all materials, vehicles, plant, equipment and facilities, and to perform all labor and services which may be required to do said work with the time fixed and upon the terms and conditions provided in the Agreement, at the service rates set forth on the Cost Proposal Forms set forth below. (Proposer should mark out and initial Cost Proposal Forms that are not applicable):

1. CNG/LNG FUEL - SFD SOLID WASTE SERVICES
Service rates as indicated in Form A-2.
2. CNG/LNG FUEL - SFD RECYCLING SERVICES
Service rates as indicated in Form A-3.
3. CNG/LNG FUEL - SFD SOLID WASTE AND SFD RECYCLING SERVICES
Service rates as indicated in Form A-4.
4. CNG/LNG FUEL - YARD TRIMMINGS AND RESIDENTIAL STREET SWEEPING SERVICES
Service rates as indicated in Form A-5.
5. CNG/LNG FUEL - EMERGENCY SERVICE RATES
Service rates as indicated in Form A-6

(See signature instructions below.)

PROPOSER

President/Partner/Owner

Secretary

Firm Name

Individual: _____ **Partnership:** _____ **Joint Venture** _____ **Corporation** _____

A _____ **Corporation**
(State of Incorporation)

Date _____

Signature Instructions:

If business is a CORPORATION, name of the corporation should be listed in full and both President and Secretary must sign the form, OR if one signature is permitted by corporation by-laws, a copy of the by-laws shall be furnished to the City as part of the proposal.

If business is a PARTNERSHIP, the full name of each partner should be listed followed by d/b/a (doing business as) and firm or trade name; any one partner may sign the form. If the business is an INDIVIDUAL PROPRIETERSHIP, the name of the owner should appear followed by d/b/a and name of the company.

If business is a JOINT VENTURE, the full name of each joint venturer should be listed in full and each joint venturer must sign the form, OR if one signature is permitted by the joint venture agreement or by-laws, a copy of the agreement or by-laws shall be furnished to the City as part of the proposal.

**CNG/LNG FUEL - Form A-2
COST PROPOSAL FOR SFD SOLID WASTE SERVICES**

The following cost proposal form is for SFD Solid Waste Services. All service rates proposed on this form shall be fixed through June 30, 2008 and should reflect service requirements as specified in the SFD Solid Waste Services Agreement. Proposers may propose on any or all Service Districts.

	Monthly Rates Per SFD Solid Waste Service Unit	
	District A	District C
A. BASE SERVICE RATES		
1. SFD Solid Waste Service	\$ /Unit/Mo	\$ /Unit/Mo
B. ADDITIONAL SERVICE RATES		
1. Subscription On-Premise Collection of SFD Solid Waste Service on Base Service Rate ¹	\$ /Unit/Mo	\$ /Unit/Mo
2. Cart Exchanges in Excess of Once per Year	\$ /Occurrence	\$ /Occurrence
3. Tagged Garbage Bag Collection	\$ /Bag	\$ /Bag
4. Collection of Contaminated Recyclable Materials	\$ Cart	\$ /Cart
C. MULTI-DISTRICT DISCOUNT (applies to all service rates) ²	Percent Discount _____ %	

NOTES TO FORM A-2:

¹This rate will be added to SFD Solid Waste Service line A.1 of the Base Service Rate.

²The Multi-District Discount represents the percentage amount by which all service rates set forth in Sections A and B of this Form A-2 will be decreased in the event the Proposer is awarded SFD Solid Waste Services in District A **and** District C. This percentage discount is separate from the Multi-Service Type Discount on Form A-5. Proposers may propose any percentage discount including 0% but must complete Line C of this form if they are proposing on SFD Solid Waste Services in more than one Service District.

CNG/LNG FUEL - Form A-3
COST PROPOSAL FOR SFD RECYCLING SERVICES

The following cost proposal form is for SFD Recycling Services. All service rates proposed on this form shall be fixed through June 30, 2008 and should reflect service requirements as specified in the SFD Recycling Services Agreement. Proposers may propose on any or all Service Districts.

	Monthly Rates Per SFD Recycling Service Unit	
	District A	District C
A. BASE SERVICE RATES		
1. SFD Recycling Collection Service	\$ /Unit/Mo	\$ /Unit/Mo
2. SFD Used Oil Collection Service	\$ /Unit/Mo	\$ /Unit/Mo
3. TOTAL BASE SERVICE RATE (Nos. 1. – 2.)	\$ /Unit/Mo	\$ /Unit/Mo
B. ADDITIONAL SERVICE RATES		
1. Subscription On-Premise Collection Service on Base Service Rate ¹	\$ /Unit/Mo	\$ /Unit/Mo
2. Cart Exchanges in Excess of Once per Year	\$ /Occurrence	\$ /Occurrence
3. Large Item Collection (Increments of up to 3 Items)	\$ /Collection	\$ /Collection
C. MULTI-DISTRICT DISCOUNT (applies to all service rates) ²	Percent Discount _____ %	

NOTES TO FORM A-3:

¹This rate will be added to SFD Recycling Service Base Service Rate (Line A.3.).

²The Multi-District Discount represents the percentage amount by which all service rates set forth in Sections A and B of this Form A-3 will be decreased in the event the Proposer is awarded SFD Recycling Services in District A and District C. This percentage discount is separate from the Multi-Service Type Discount on Form A-5. Proposers may propose any percentage discount including 0% but must complete Line C of this form if they are proposing on SFD Recycling Services in more than one Service District.

CNG/LNG FUEL - Form A-4
COST PROPOSAL FOR COMBINED SFD SOLID WASTE AND SFD RECYCLING SERVICES

The following cost proposal form is for combined SFD Solid Waste and SFD Recycling Services. All service rates proposed on this form shall be fixed through June 30, 2008 and should reflect service requirements as specified in the Solid Waste and Recycling Services Agreements. Proposers may propose on any or all Service Districts.

	Monthly Rates Per combined SFD Solid Waste and Recycling Service Unit	
	District A	District C
A. SFD COMBINED SERVICES		
1. SFD Solid Waste Service	\$ /Unit/Mo	\$ /Unit/Mo
2. SFD Recycling Collection Service	\$ /Unit/Mo	\$ /Unit/Mo
3. SFD Used Oil Collection Service	\$ /Unit/Mo	\$ /Unit/Mo
4. TOTAL BASE SERVICE RATE (Nos. 1. – 3.)	\$ /Unit/Mo	\$ /Unit/Mo
B. ADDITIONAL SERVICE RATES		
1. Subscription On-Premise Collection Service on Base Service Rates ¹	\$ /Unit/Mo	\$ /Unit/Mo
2. Cart Exchanges in Excess of Once per Year	\$ /Occurrence	\$ /Occurrence
3. Large Item Collection (Increments of up to 3 Items)	\$ /Collection	\$ /Collection
4. Tagged Garbage Bag Collection	\$ /Bag	\$ /Bag
5. Collection of Contaminated Recyclable Materials	\$ /Cart	\$ /Cart
C. MULTI-DISTRICT DISCOUNT (applies to all service rates) ²	Percent Discount _____ %	

NOTES TO FORM A-4:

¹This rate will be added to the Base Service Rate (Line A.4.).

²The Multi-District Discount represents the percentage amount by which all service rates set forth in Sections A and B of this Form A-4 will be decreased in the event the Proposer is awarded combined SFD Solid Waste and Recycling Services in District A **and** District C. This percentage discount is separate from the Multi-Service Type Discount on Form A-5. Proposers may propose any percentage discount including 0% but must complete Line C of this form if they are proposing on Combined SFD Solid Waste and SFD Recycling Services in more than one Service District.

**CNG/LNG FUEL - Form A-5
 COST PROPOSAL FOR YARD TRIMMINGS
 AND RESIDENTIAL STREET SWEEPING SERVICES**

The following cost proposal form is for Yard Trimmings and Residential Street Sweeping Services. All service rates proposed on this form shall be fixed through June 30, 2008, and should reflect service requirements as specified in the appropriate Agreement.

	District C
A. BASE SERVICE RATES	
1. SFD On-Street Yard Trimmings Collection	\$ /Unit/Mo
2. Cart Yard Trimmings Collection	\$ /Cart/Mo
3. MFD On-Street Yard Trimmings Collection	\$ /Complex/Mo
4. Large Civic Collection & Pruning	\$ /Ton
5. Monthly Street Sweeping	\$ /Curb/Mile/Mo
B. ADDITIONAL SERVICE RATES	
1. SFD Subscription On-Premise Cart Collection ¹	\$ /Cart/Mo
2. Cart Exchanges in Excess of Once per Year	\$ /Occurrence
3. Delivery of Home Composting Bins	\$ /Bin Delivered
4. Emergency Street Sweeping up to 4 hrs.	\$ /Sweeper
5. Emergency Street Sweeping over 4 hrs.	\$ /Sweeper/Hr
6. Posting & Removal of Temporary Signs for Enhanced Sweep.	\$ /Curb Mile
7. Posting & Removal of Temporary Signs for Tow Enforced Sweep	\$ /Curb Mile
C. OPTION FOR MANDATORY CART COLLECTION	
1. SFD Mandatory Cart Trimmings Collection	\$ /Unit/Mo
2. MFD On-Street Yard Trimmings Collection	\$ /Complex/Mo
3. Large Civic Collection & Pruning	\$ /Ton
4. Monthly Street Sweeping	\$ /Curb/Mile/Mo
D. OPTION FOR INCREASED STREET SWEEPING	
1. Twice per Month Street Sweeping	\$ /Curb/Mile/Mo

**CNG/LNG FUEL - Form A-5
 COST PROPOSAL FOR YARD TRIMMINGS
 AND RESIDENTIAL STREET SWEEPING SERVICES**

The following cost proposal form is for Yard Trimmings and Residential Street Sweeping Services. All service rates proposed on this form shall be fixed through June 30, 2008, and should reflect service requirements as specified in the appropriate Agreement.

E. MULTI-SERVICE TYPE RATE DISCOUNT	Percent Discount
1. Multi-Service Type Discount (applies to all service rates) ¹	_____ %

NOTES TO FORM A-5:

¹The Multi-Service Type Discount represents the percentage amount by which all service rates set forth in Sections A, B, C, and D of this Form A-5 **and** lines A and B of Forms A-2, A-3, and A-4, and all rates on Form A-6 will be decreased in the event the Proposer is awarded YT & RSS Services **and** one of the following:

- 1) SFD Solid Waste Services in District A, District C or Districts A and C.
- 2) SFD Recycling Services in District A, District C or Districts A and C.
- 3) Combined SFD Solid Waste Services and SFD Recycling Services in District A, District C or Districts A and C.

This percentage discount is separate from the Multi-District Discount. Proposers may propose any percentage discount including 0% but must complete Line E.1. of this form if they are proposing on more than one Service Type.

**CNG/LNG FUEL - Form A-6
EMERGENCY SERVICE RATES**

The following cost proposal form is to be utilized by the Proposer to provide the CITY with the hourly service rates to be charged for the provision of emergency services as set forth in the Collection Services Agreement.

		Page	of	Pages
Labor Position or Equipment Type	Make & Model	Hourly Rate		
MULTI-DISTRICT DISCOUNT (applies to all Emergency Service rates) ¹		Percent Discount _____%		

¹The Multi-District Discount represents the percentage amount by which all Emergency Service rates set forth on of this Form A-6 will be decreased in the event the Proposer is awarded SFD Solid Waste Services in District A **and** District C, SFD Recycling Services in District A **and** District C, or combined SFD Solid Waste and Recycling Services in District A **and** District C. This percentage discount is separate from the Multi-Service Type Discount on Form A-5. Proposers may propose any percentage discount including 0% but must complete the discount this form if they are proposing on services in more than one Service District.

**CNG/LNG FUEL - Form F
COLLECTION VEHICLES**

(Complete one form for each type of collection vehicle.)

1. Material to be Collected	Garbage	<hr/>
	Recyclables	<hr/>
	Yard Trimmings	<hr/>
2. Manufacturer and Model		<hr/>
A. Cab and Chassis.....		<hr/>
B. Body.....		<hr/>
C. Engine.....		<hr/>
D. Transmission.....		<hr/>
3. Age of Vehicle		<hr/>
4. Date of Last Rebuild		<hr/>
5. Will the Vehicles be Owned, Leased, or Other?		<hr/>
6. Purchase Cost of Each Vehicle.....		<hr/>
7. Number of Vehicles.....		<hr/>
8. Cab and Chassis:		
A. Cab Height		<hr/> inches
B. Walk-In Cab	<hr/> yes	<hr/> no
C. Number of Axles		<hr/>
D. Dual Drive (sit-down on left & stand-up on right).	<hr/> yes	<hr/> no
E. Overall Length with Body Mounted		<hr/> inches
F. Turning Radius.....		<hr/> feet
9. Body:		
A. Type of Body.....		<hr/>
B. Rated Capacity.....		<hr/> cu. yd.
C. Practical or Net Capacity.....		<hr/> cu. yd.

**CNG/LNG FUEL - Form F
COLLECTION VEHICLES**

(Complete one form for each type of collection vehicle.)

D. No. of Compartments..... _____ cu. yd.

E. Net Capacity of Each Compartment
(indicate if capacities are adjustable) _____ cu. yd.

F. Overall Body Length..... _____ inches

G. Body Height _____ inches

H. Body Width _____ inches

I. Loading Height Above Ground..... Minimum _____ inches
..... Maximum _____ inches

J. Materials of Construction..... _____

10. Weight..... GVW _____ lbs. are _____ lbs.

11. Fuel Type..... _____

12. Fuel Usage..... _____ mpg

13. Emissions Rating

A. CO..... _____ g/bhp/hr

B. HC (total hydrocarbons)..... _____ g/bhp/hr

C. NO_x..... _____ g/bhp/hr

D. Particulate Matter..... _____ g/bhp/hr

14. Safety Features..... _____

15. Color..... _____

16. Use a separate page(s) to discuss advantages of this vehicle in terms of a) past experience; b) efficiency; c) ease of operations; d) cost of operations; and e) clean air standards.

**CNG/LNG FUEL - Form G
STREET SWEEPING VEHICLES**

(Complete one form for each type of street sweeping vehicle.)

1. Manufacturer and Model

A. Cab and Chassis.....

B. Body.....

C. Engine.....

D. Transmission.....

2. Age of Vehicle

3. Date of Last Rebuild

4. Number of Vehicles.....

5. Will the Vehicles be Owned, Leased, or Other?

6. Purchase Cost of Each Vehicle.....

7. Cab and Chassis:

A. Cab Height

_____ inches

B. Walk-In Cab

_____ yes _____ no

C. Number of Axles

D. Dual Drive (sit-down on left & stand-up on right).....

_____ yes _____ no

E. Overall Length with Body Mounted

_____ inches

A. Turning Radius.....

_____ feet

8. Body:

A. Type of Body.....

B. Rated Capacity.....

_____ cu. yd.

C. Practical or Net Capacity.....

_____ cu. yd.

D. No. of Compartments.....

_____ cu. yd.

E. Net Capacity of Each Compartment
(indicate if capacities are adjustable)

_____ cu. yd.

F. Overall Body Length.....

_____ inches

CNG/LNG FUEL - Form G
STREET SWEEPING VEHICLES

(Complete one form for each type of street sweeping vehicle.)

G. Body Height	<hr/>	inches
H. Body Width	<hr/>	inches
I. Loading Height Above Ground.....	Minimum <hr/>	inches
	Maximum <hr/>	inches
J. Materials of Construction.....	<hr/>	
9. Weight GVW <hr/>	lbs. are <hr/>	lbs.
10. Type of Sweeper: (Broom, Vacuum, Hybrid, Other)	<hr/>	
11. Sweeper path Width (Brooms fully extended.)	<hr/>	
12. Describe the ability of each type of equipment to remove non-point source pollutants	<hr/>	
13. Fuel Type	<hr/>	
14. Fuel Usage	<hr/>	mpg
15. Emissions Rating		
A. CO.....	<hr/>	g/bhp/hr
B. HC (total hydrocarbons).....	<hr/>	g/bhp/hr
C. NO _x	<hr/>	g/bhp/hr
D. Particulate Matter.....	<hr/>	g/bhp/hr
16. Safety Features	<hr/>	
17. Color	<hr/>	
18. Use a separate page(s) to discuss advantages of this vehicle in terms of a) past experience; b) efficiency; c) ease of operations; d) cost of operations; and e) clean air standards.		