

**CITY OF FAIRHOPE**  
**BID INVITATION**

January 22, 2010

Sealed proposals will be received by the City of Fairhope of Baldwin County, Alabama, in the City of Fairhope offices, 555 South Section St. Fairhope, Alabama, until 2:00P.M. February 17, 2010, and then publicly opened thereafter, for furnishing all labor and materials, and performing all work required by the City of Fairhope and described as follows:

**Bid Number 005-10, CNG REFUSE CHASSIS**

Questions or comments pertaining to this bid must be presented in writing, sent as e-mail or faxed to the attention of the Purchasing Manager, Daniel P. Ames, P.O. Drawer 429, 555 South Section St., Fairhope, Al 36532, e-mail: [dan.ames@cofairhope.com](mailto:dan.ames@cofairhope.com), fax number: 251-990-0125, Seventy Two (72) hours prior to the bid opening or will be forever waived.

All bids must be on blank forms provided in the Bid Documents. **BID BOND IS WAIVED.**  
**THERE WILL BE A MANDATORY PREBID MEETING: February 10, 2010, at 10:00 AM..**

The City of Fairhope is an Equal Opportunity Employer and requires that all contractors comply with the Equal Employment Opportunity laws and the provisions of the Contract Documents in this regard. The City also encourages and supports the utilization of Minority Business Enterprises on this and all public bids.

All bids, with their guarantee (when required), must be enclosed in a sealed, opaque envelope, clearly identified on the outside as a "**Sealed Bid**" with **Item Name, Bid Number, City of Fairhope's Name and Address and Bidder's Name and Address**. Each bid must be in a separate envelope. Bids made out in pencil will not be accepted.

Failure to observe the instructions contained herein will constitute grounds for rejection of your bid. The City reserves the right to accept or reject all bids or any portion thereof whichever is in the best interest of the City of Fairhope.

The company that is awarded the bid must have Workman's Compensation Insurance on all of its employees if work is done on City premises. General Liability Insurance must be maintained to hold the City harmless in the event of an accident. Proof of Workman's Compensation Insurance if work is done on City premises and General Liability Insurance specifying coverage must accompany this bid packet. See specifications for details.

No bids will be considered unless the bidder, whether resident or non-resident of Alabama, is properly qualified to submit a proposal for this type of work in accordance with all applicable laws of the State of Alabama. Where applicable, this shall include evidence of holding a current license from the State Licensing board for General Contractors, Montgomery, Alabama, as required by Chapter 8 of Title 34, of the Code of Alabama, 1975. In addition, non-residents of the State if a corporation, shall show evidence of having qualified with the Secretary of State to do business in the State of Alabama. Bidder must have a current business license or purchase a business license with the City of Fairhope prior to bid being awarded.

Daniel P. Ames,  
Purchasing Manager

Posted 01-22-10

# GENERAL REQUIREMENTS

## **AWARD OR REJECTION OF BIDS**

1. The Bid will be awarded to the lowest responsible bidder complying with conditions of the invitation for bids, provided his bid is reasonable and it is in the interest of the City of Fairhope to accept it. The bidder to whom the award is made will be notified at the earliest possible date. The City of Fairhope, however, reserves the right to reject any and all bids and to waive any informality in bids received whenever such rejection or waiver is in the interest to the City of Fairhope.

## **COMPLIANCE**

1. All bid components will comply with all Federal, State and Local laws, ordinances, codes and regulations.
2. The awarded vendor will be responsible for insuring that all items meet specifications before delivery.
3. Awarded vendor will make no substitutions for bid items without prior written approval of the City of Fairhope Purchasing Department.

## **ORDERING**

1. The City of Fairhope Purchasing Department will issue Purchase Orders to the awarded vendor for bid items as needed.
2. If awarded vendor fails to fill Purchase Order or deliver on time, the City of Fairhope reserves the option to procure needed, comparable items from any source, and bill the awarded vendor for associated expenses generated by such failure.

## **PACKAGING & DELIVERY**

1. Deliver bid items to City of Fairhope Warehouse, 555 South Section Street, Fairhope, AL, or other designated City site, maintaining product in proper state, undamaged.
2. At point of delivery, awarded vendor will present an itemized delivery ticket **with the Purchase Order Number clearly referenced thereon**, to City of Fairhope receiving personnel for signing.
3. F.O.B. City of Fairhope, as directed.
4. Shortages, defective or damaged items will be rejected. The awarded vendor will replace such items within ten (10) working days.
5. All Titles, fees, as well as other charges, are to be paid by awarded vendor. Awarded vendor is to furnish prepaid certificate of title in the name of the City of Fairhope, Title shall change upon acceptance of delivery at the Owner approved delivery location.

## **WARRANTY**

1. Winning Bidder will provide written warranty for all parts and labor for a period of (1) one year commencing from date of written acceptance of delivery by City of Fairhope. Winning Bidder will provide written copies of all other applicable warranties, such as, Manufacturer's warranty. Those warranties, if any, will be in addition to the Winning Bidder's warranty, and the terms of which will not be altered by the Winning Bidder's warranty.

## **PAYMENT**

1. Invoices -- Upon completion of service and delivery of materials specified in the applicable purchase order, awarded vendor will submit an invoice and signed delivery ticket to:  
  
City of Fairhope  
Accounts Payable Department  
P.O. Box 429  
Fairhope, AL 36533
2. **All invoices must reference appropriate Purchase Order Numbers**
3. Payment Of Invoice: All invoices received by the City of Fairhope are payable within thirty (30) days from the date of receipt by the City of Fairhope, provided they are approved by the City of Fairhope.

If you are unable to furnish an item as specified and desire to offer a substitute, give full description of the item. No errors will be corrected after bids are opened. No prices shall include State or Federal Excise Taxes. Municipalities are exempt from Alabama Sales Tax by state law.

Any attachments hereto are made and become a part of this inquiry and must be signed by bidder.

- Our bid form must be filled in completely.
- All pages of this bid form must be returned.
- All documents requested must be attached to the back of page of such request and acknowledgement must be made where blank appears.
- A signed contractual agreement must be in place prior to beginning work or services.

**I hereby affirm I have not been in any agreement or collusion among bidders or prospective bidders in restraint of freedom of competition, by agreement to bid at a fixed price or to refrain from bidding or otherwise.**

**Company:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Company Representative:** \_\_\_\_\_  
(Print)

**Title:** \_\_\_\_\_

**Company Representative:** \_\_\_\_\_  
(Signature in ink)

**THIS MUST BE NOTARIZED!**

**Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2008.**

\_\_\_\_\_

*Notary Public*

**SCOPE OF WORK AND SPECIFICATIONS**  
**BID NO. : 005-10**  
**BID NAME: CNG REFUSE CHASSIS**

**SCOPE OF WORK**

1. The Awarded Vendor to provide all necessary supervision, labor, tools, materials and safety equipment to perform the following tasks:
  - a. Provide CNG REFUSE CHASSIS and associated equipment and service as per specifications.
  - b. Deliver items to the City of Fairhope Warehouse, Fairhope Al, or other designated City site.
  - c. The CNG REFUSE CHASSIS shall be complete with all of the necessary accessories as shown and described herein. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. All equipment shall be new and of current production of national firms that manufacture CNG REFUSE CHASSIS, and the specified accessories. The awarded bidder shall supply the CNG REFUSE CHASSIS as a complete and coordinated unit.

**GENERAL PURPOSE DESCRIPTION & SPECIFICATIONS**

This six wheel tractor, a heavy vocational class application, will be used daily to pull a 45' long live bottom, 108 cubic yard capacity, refuse trailer to/from the Magnolia Landfill. The basic live bottom trailer will be an aluminum body built on a steel support frame. The round trip to the landfill in Magnolia Springs is approximately 40 miles. As the following specifications will reflect, this tractor will CNG (Compressed Natural Gas) powered and will be a general purpose hauling vehicle rated for on/off highway use purposes. Its terrain duty shall be unlimited operation on concrete, asphalt or maintained gravel/packed dirt w/ a maximum of 3% grade; limited operation on unmaintained surfaces w/ maximum of 5% grade; limited operation on concrete, asphalt or maintained gravel/packed dirt surfaces w/ a maximum of 5% grade.

**TECHINCAL SPECIFICATION FOR CNG REFUSE CHASSIS**

		<b>COMPLIANCE ANSWER</b>	
		<u>YES</u>	<u>NO</u>
<b>FRAME/WHEELBASE/PLATFORM</b>			
1.01	Chassis; drop frame package, 6 wheel truck	_____	_____
1.02	Wheelbase; 250" WB, 259"CA (maximum)	_____	_____
1.03	Platform; 320" LP, 61" AF, used with 250" WB	_____	_____

**ENGINE**

- 2.01 Cummins ISL G 320 h.p. @ 2200 rpm(peak) w/ 1200 lb./ft. maximum torque@1100 – 1300 rpm (CNG powered)(OR EQUAL) \_\_\_\_\_
- 2.02 2007 EPA/CARB emission certification \_\_\_\_\_
- 2.03 2008 Carb Emission Certification (Clean idle) \_\_\_\_\_
- 2.04 Engine After-treatment Device (no wiring) \_\_\_\_\_
- 2.05 Road speed limit....63 m.p.h. \_\_\_\_\_
- 2.06 PTO vehicle speed limit....6 mph \_\_\_\_\_
- 2.07 PTO / Remote PTO.....yes \_\_\_\_\_

**EXHAUST/EMISSIONS**

- 3.1 Exhaust, no muffler w/ stainless exhaust pipe Turbo/catalytic converter plus M18 Bung (or equal) #1 pipe R/S vertical straight exhaust stack \_\_\_\_\_

**ENGINE EQUIPMENT**

- 4.1 Air compressor, Cummins twin 30.4 cfm (OR EQUAL) \_\_\_\_\_
- 4.2 Cummins (OR EQUAL) engine block heater \_\_\_\_\_
- 4.3 Pre-cleaner (dry type cleaner) \_\_\_\_\_
- 4.4 Batteries...(3) 12V, 760/2280 CCA threaded stud type (to -34 degrees F) \_\_\_\_\_
- 4.5 Guard dog maintenance monitoring, guard dog routine maintenance w/o brake shoe wear monitoring (or an approved equal) \_\_\_\_\_
- 4.6 Fan drive, Horton DM (or equal), 2 speed fan \_\_\_\_\_
- 4.7 Engine mounted oil check/fill \_\_\_\_\_
- 4.8 Cummins Westport (OR EQUAL) coalescing fuel filter \_\_\_\_\_
- 4.9 Starter, 12V Delco 39MT-MXT (or equal) \_\_\_\_\_
- 4.10 Electronic starter interlock \_\_\_\_\_

**TRANSMISSION**

- 5.1 Transmission, 6 speed automatic, Allison 4500-RDS-6 (4.70/0.67) rugged duty series, Gen 4, w/direct mount

- |     |   |       |       |
|-----|---|-------|-------|
|     | oil cooler, external oil cooler, internal filter and oil level sensor (OR EQUAL)              | _____ | _____ |
| 5.2 | Remote mounted oil cooler for transmission  | _____ | _____ |
| 5.3 | Synthetic lubricant transmission, Transynd synthetic Lube for Allison transmission (OR EQUAL) | _____ | _____ |
| 5.4 | Driveline- Main...Spicer 1810 HD w/coated splines (or equal)                                  | _____ | _____ |
| 5.5 | Driveline- Interaxle, Spicer 1710 HD w/ coated splines (or equal)                             | _____ | _____ |

**FRAME EQUIPMENT / FUEL TANKS**

- |      |  |       |       |
|------|--|-------|-------|
| 6.1  | Front bumper, painted steel, flush mounted   | _____ | _____ |
| 6.2  | Towing devices; <u>front</u> tow pin, <u>rear</u> frame mounted hooks  | _____ | _____ |
| 6.3  | Betts B-25 (or equal) painted mud flap brackets  | _____ | _____ |
| 6.4  | Black mudflaps   | _____ | _____ |
| 6.5  | Crossmembers: 1/2" bolted BOC and intermediates mounted 0.125" below rails, drop frame   | _____ | _____ |
| 6.6  | Crossmember: (behind rear axle): 1/2" plate(one), back to back   | _____ | _____ |
| 6.7  | Fuel tank, delete diesel fuel tanks. Left and right hand CNG application fuel tanks(mounted behind cab) CNG fuel tanks will be sized for maximum capacity, engineered and installed by chassis builder | _____ | _____ |
| 6.8  | CNG/LNG Parker Hannifin Type LH (or equal ) filler receptacle and dust cap   | _____ | _____ |
| 6.9  | Single CNG fuel line w/solenoid shutoff valve and pressure regulator   | _____ | _____ |
| 6.10 | CNG fuel lines are to be stainless steel tubing and flexible teflon  | _____ | _____ |

**FRONT AXLE/EQUIPMENT/TIRES**

- |     |  |       |       |
|-----|--|-------|-------|
| 7.1 | Front axle; 20,000# rated, wide pivot center                         | _____ | _____ |
| 7.2 | Tires, front, tubeless radial ply, (2)385/65R22.5                    | _____ | _____ |
| 7.3 | Springs; front, Mack Multileaf (or equal) 20,000# ground load rating | _____ | _____ |
| 7.4 | Static load cushions   | _____ | _____ |

- |     |   |       |       |
|-----|---|-------|-------|
| 7.5 | Shock absorbers   | _____ | _____ |
| 7.6 | Meritor(or equal) automatic slack adjusters                 | _____ | _____ |
| 7.7 | TRW THP-60 (or equal) power steering                        | _____ | _____ |
| 7.8 | Steering ; TAS-65 Plus(or equal) right side assist cylinder | _____ | _____ |
| 7.9 | Brakes; front, Meritor "S" cam type 16.5X6" Q+ (or equal)   | _____ | _____ |

**REAR AXLES/EQUIPMENT/TIRES**

- |      |  |       |       |
|------|--|-------|-------|
| 8.1  | Rear axle/suspension; 46,000# Mack S462(or equal) cast ductile iron housing.....DUAL REDUCTION | _____ | _____ |
| 8.2  | Tires; tubeless radial ply(8) 11R24.5 (traction)   | _____ | _____ |
| 8.3  | Springs; Mack SS462 Multileaf (Camelback), or equal, 46,000# load rating                       | _____ | _____ |
| 8.4  | Brakes; rear, Meritor "S" cam 16.5X7" Q+ (or equal)  | _____ | _____ |
| 8.5  | Power divider lockout w/warning light and buzzer... To include in cab manual air valve         | _____ | _____ |
| 8.6  | High mount rear brake chambers(rear, rear axle only)   | _____ | _____ |
| 8.7  | Anti-sway springs  | _____ | _____ |
| 8.8  | Spring brake chamber quantity; (4)   | _____ | _____ |
| 8.9  | Spring brake chamber, type 30/30 rear  | _____ | _____ |
| 8.10 | Rear axle synthetic lubricant 75W-90   | _____ | _____ |
| 8.11 | Transverse torque rod.....rear axle only   | _____ | _____ |
| 8.12 | Bronze trunnion bushing(air brake)   | _____ | _____ |

**BRAKE SYSTEM**

- |     |   |       |       |
|-----|---|-------|-------|
| 9.1 | Air lines; Bodybuilder (or equal)Air Lines, (7) 1/4" air lines for use w/pneumatic joystick | _____ | _____ |
| 9.2 | Air Control valves; Meritor/Wabco(or equal)   | _____ | _____ |
| 9.3 | Air Dryer; Meritor/Wabco heated air dryer(or equal) Model 1800 w/ coalescing oil filter     | _____ | _____ |
| 9.4 | Anti-lock brake system, Meritor/Wabco ABS w/ auto traction control(or equal)                | _____ | _____ |

- |     |   |       |       |
|-----|---|-------|-------|
| 9.5 | Automatic drain valve, Bendix (or equal), heated,<br>(1) on supply(wet)tank | _____ | _____ |
| 9.6 | 15' coiled trailer air hose w/12' tractor, 12" trailer<br>leads             | _____ | _____ |
| 9.7 | 18" stainless steel slide bar w/spring type trailer<br>air hose hanger      | _____ | _____ |

**ELECTRICAL SYSTEM**

- |       |  |       |       |
|-------|--|-------|-------|
| 10.1  | Back up alarm, ECCO SA917(or equal) ambient noise<br>sensitive   | _____ | _____ |
| 10.2  | Battery box, single box, 3 battery max,<br>perpendicular to frame  | _____ | _____ |
| 10.3  | Flaming River Big Switch(or equal) wired to<br>positive side   | _____ | _____ |
| 10.4  | Battery switch warning light   | _____ | _____ |
| 10.5  | Cab wiring & dash control, roof light provision<br>for front loader application  | _____ | _____ |
| 10.6  | Computer & 2 way radio dedicated circuit   | _____ | _____ |
| 10.7  | Electric circuit protection package, 12v with<br>circuit breakers (headlamp circuit SAE type 1,<br>all other circuits SAE type II) negative ground<br>system | _____ | _____ |
| 10.8  | Waterproof electrical connections sprayed with<br>protective coating   | _____ | _____ |
| 10.9  | Headlights, (2) single round halogen lamps   | _____ | _____ |
| 10.10 | Provisions for local installation of strobes   | _____ | _____ |

**CAB INTERIOR/EXTERIOR**

- |      |   |       |       |
|------|---|-------|-------|
| 11.1 | Drivers seat will be National 2000<br>Series(or equal) high back air suspension seat w/<br>active air lumbar support , passenger seat will be<br>a high back, non-suspension seat | _____ | _____ |
| 11.2 | Cab lift/tilt, located in standard location   | _____ | _____ |
| 11.3 | Park brake & engine running activated indicator   | _____ | _____ |
| 11.4 | Transmission gauge & transmission high temp<br>light  | _____ | _____ |

11.5 Gear shift, w/ neutral-to-range inhibit	_____	_____
11.6 Twin trumpet air horn w/ dual lanyard control (Mounted under cab)	_____	_____
11.7 Proximity mirrors, rect. convex above LH and RH doors	_____	_____
11.8 AM/FM/WB stereo radio	_____	_____
11.9 Radio antenna, CH style, cowl mounted	_____	_____
11.10 Radio shutoff, auto shutoff when vehicle in reverse	_____	_____
11.12 Methane detection system w/ one sensor in cab And one in engine compartment	_____	_____
11.13 12v in dash electrical system	_____	_____
11.14 Both cab windows will be manual roll up/down	_____	_____
11.15 Turn signal switch, manual cancelling	_____	_____
11.16 Cab ventilation...LH door vent	_____	_____
11.17 Windshield protector	_____	_____
11.18 Heater, defroster and air conditioner	_____	_____
11.19 Sanden(or equal) heavy duty A/C compressor	_____	_____
11.20 Adjustable tilt and telescoping steering column	_____	_____
11.21 LH and RH grab handles	_____	_____
11.22 Low air pressure light & buzzer	_____	_____
11.23 Primary & secondary air pressure gauges	_____	_____
11.24 Odometer/trip/hour/diagnostic/voltage display	_____	_____
11.25 Diagnostic interface connector, 9 pin, SAE J1587/1708/1939, located below dashboard	_____	_____
11.26 Electric engine oil pressure gauge, electric engine coolant temperature gauge, electric fuel gauge, electric tachometer & speedometer	_____	_____
11.27 Two valve parking brake system	_____	_____
<b>PAINT</b>		
12.1 Cab exterior, single color, "Fleet White" or approved equivalent	_____	_____
12.2 Cab exterior, urethane clear coat	_____	_____
12.3 Wheels, front/rear.... vendor white	_____	_____
12.4 Chassis paint....high solids black polyurethane	_____	_____

12.5 Front bumper, Dupont "Argent Silver"(or equal) \_\_\_\_\_

**PTO/SPECIALTY/ADDITIONAL EQUIPMENT**

13.1 PTO- crankshaft adapter, w/o front end PTO drive \_\_\_\_\_

13.2 PTO-rear engine(REPTO), w/o rear engine PTO \_\_\_\_\_

13.3 Hydraulic pump, furnish pump & pump mounting provisions \_\_\_\_\_

**WARRANTY**

14.1 Engine/drivetrain warranty shall be a minimum of a 2 year/250,000 miles, total coverage except for normal wear parts \_\_\_\_\_

14.2 Chassis warranty shall match the engine/drivetrain warranty, at minimum \_\_\_\_\_

**VENDOR COMPLIANCE**

Items bid must comply with all specifications listed.

Vendor must acknowledge **VENDOR COMPLIANCE**. If Does Not Comply is selected, a full explanation must be made on an extra sheet attached to back of bid form. Attach support data for substitution being equal to or better than specified. If vendor does not acknowledge **VENDOR COMPLIANCE**, it will be understood that vendor cannot fulfill said specifications.

**SPECIAL CONDITIONS  
EQUIPMENT**

Equipment other than current year models will not be considered as responsive to the Specifications. It is the intention of the City to purchase based on the Specifications, a standard production model. In addition to the equipment set out in the Specifications, the units shall include all equipment set out in the manufacturer's literature as standard equipment. They shall include all exterior moldings, name plates, medallions, series identifications, and chrome of every description that is usual for standard stock models of this series. Compliance with or variations from the specifications must be noted as to each item on the Specification Sheet. This requirement must be met even though the Purchasing Agent may alter the specifications in the form of an addendum to accommodate variances. A request for a change in the specifications to accommodate a variation must be called to the attention of the Purchasing Agent at least 24 hours before the bid opening date. All requests for such changes will be considered and the merits weighed. Only those changes in specifications deemed to be in the best interest of the City will be made. In the event of a change in specifications, an addendum will be supplied to bidders. The unit shall be completely assembled, lubricated, adjusted, with all equipment including standard and extra equipment installed and the unit made ready for operation.

## **SPECIAL CONDITIONS VEHICLES**

Vehicles other than current year models will not be considered as responsive to the specifications. It is the intention of the City to purchase based on the specifications, a standard production model. In addition to the equipment set out in the specifications, the units shall include all equipment set out in the manufacturer's literature as standard equipment. They shall include all exterior molding, name plates, medallions, series identifications, and chrome of every description that is usual for standard stock models of this series.

The units shall be completely assembled, lubricated, adjusted, with all equipment installed and the units made ready for continuous operation with a minimum of five (5) gallons of fuel equivalency. The successful Bidder shall furnish a Manufacturer's Statement of Origin and owner's manual with delivery of each unit. For bids on more than one unit of equipment, the City reserves the right to make multiple purchases from more than one Bidder if it deems such action to be in its best interest.

These specifications are based upon design and performance criteria which have been developed by the City of Fairhope as a result of extensive research and careful analysis of the data. Subsequently, these specifications reflect the only type of equipment, material(s) or supplies that is/are acceptable at this time. Therefore, exceptions may be accepted if they are minor, equal, or superior to that which is specified, and provided that they are listed and fully explained on a separate page entitled, "Exceptions to Specifications". The exceptions shall refer to the specification page and paragraph number. The Purchaser shall determine which (if any) exceptions are acceptable and this determination shall be final.

The bidder shall provide with the bid documents the place of business where the factory authorized warranty service is to be honored. The bidder shall also provide written consent from the service provider, if other than bidder, stating the designated service provider will meet the service criteria. The City reserves the right to reject bids from vendors who do not provide this written consent.

**DELIVERY:** All equipment to be delivered to the:

Fairhope Public Utilities Building

555 South Section Street

Fairhope, AL 36532 between the hours of 7:00 AM and 4:00 PM (CST).

The bidder shall give the City at least 24 hours notice (Weekends and Holidays excluded) prior to delivery on site.



who is known to me, acknowledged before me on this day, that, being informed of the contents of the document they executed the same voluntarily on the day the same bears date.

Given under my hand and Notaries Seal on this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC

MY COMMISSION EXPIRES: \_\_\_\_\_