

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. N/A
Contract
 Re-Bid
 Other
 LIVING WAGE APPLIES: YES NO
Requisition No./Project No.: RQID1300099
 TERM OF CONTRACT N/A YEAR(S) WITH YEAR(S) OTR

Requisition /Project Title: Compressed Natural Gas Program

Description:

Miami-Dade County, as represented by the Miami-Dade County Internal Services Department, Fleet Management Division, Public Works Department and Waste Management and Miami-Dade Transit Department, is soliciting proposals for the development, finance, construction, maintenance and operation of a Compressed Natural Gas Program solution. The County currently uses mostly diesel engine driven vehicles for its heavy fleet of vehicles. Through this solicitation, the County desires to select an entity(ies) which provides a solution(s) for a CNG Program that is in the best interests of the County. Decisions that may be made by the County as a result of this solicitation include, but are not limited to, financing/leasing of infrastructure/buildings/vehicles, design, build, maintain, operate (in any combination and in one or more locations) a CNG solution, utilizing County contracts for gas or proposed sources or both, introduce separate solutions for different departments or one encompassing solution (broken down by the two Departments "A" and "B"), phasing in a solution at different intervals of time, allowing partnerships from public and/or private entities; providing revenue generating opportunities from County owned stations (that may be operated by another party); or any other decision that the County deems to be in the best interest in presenting a CNG Program at the County.

Issuing Department: ISD/ Procurement
 Contact Person: Jesus Lee
 Phone: 305-375-4264
Estimate Cost: Unknown - Possibly Reven
 GENERAL
 FEDERAL
 OTHER
Funding Source: Multi-Dept.

ANALYSIS

Commodity Codes:	405-02	405-13	961-41
Contract/Project History of previous purchases three (3) years			
Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.			
	EXISTING	2ND YEAR	3RD YEAR
Contractor:			
Small Business Enterprise:			
Contract Value:	\$ Unknow	\$	\$
Comments:			
Continue on another page (s):	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

RECOMMENDATIONS

	Set-aside	Sub-contractor goal	Bid preference	Selection factor
SBE				

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This document is a draft of a planned solicitation and is subject to change without notice.

**REQUEST FOR PROPOSALS (RFP) No. 868
FOR
COMPRESSED NATURAL GAS PROGRAM**

PRE-PROPOSAL CONFERENCE TO BE HELD:

_____, 2013 at __:00 AM (local time)
111 NW 1st Street, 13th Floor, Conf. Rm. __, Miami, Florida

ISSUED BY MIAMI-DADE COUNTY:

Internal Services Department, Procurement Management Division
for
Public Works and Waste Management, Internal Services, and Transit Departments

COUNTY CONTACT FOR THIS SOLICITATION:

Name and Title: Jesus Lee, Procurement Contracting Officer
Address: 111 NW 1st Street, Suite 1300, Miami, Florida 33128
Telephone: (305) 375-4264
E-mail: FJL@miamidade.gov

PROPOSALS ARE DUE AT THE CLERK OF THE BOARD NO LATER THAN:

June 14, 2013 at 2:00 PM (local time)

at

CLERK OF THE BOARD
Stephen P. Clark Center
111 NW 1st Street, 17th Floor, Suite 202
Miami, Florida 33128-1983

The Clerk of the Board business hours are 8:00 a.m. to 4:30 p.m., Monday through Friday. Additionally, the Clerk of the Board is closed on holidays observed by the County.

All proposals received and time stamped by the Clerk of the Board prior to the proposal submittal deadline shall be accepted as timely submitted. The circumstances surrounding all proposals received and time stamped by the Clerk of the Board after the proposal submittal deadline will be evaluated by the procuring department in consultation with the County Attorney's Office to determine whether the proposal will be accepted as timely. Proposals will be opened promptly at the time and date specified. The responsibility for submitting a proposal on or before the stated time and date is solely and strictly the responsibility of the Proposer. The County will in no way be responsible for delays caused by mail delivery or caused by any other occurrence. All expenses involved with the preparation and submission of proposals to the County, or any work performed in connection therewith, shall be borne by the Proposer(s).

The submittal of a proposal by a Proposer will be considered by the County as constituting an offer by the Proposer to perform the required services at the stated prices. A Proposer may submit a modified proposal to replace all or any portion of a previously submitted proposal up until the proposal due date. The County will only consider the latest version of the proposal.

Requests for additional information or inquiries must be made in writing and received by the County's contact person for this Solicitation. The County will issue responses to inquiries and any changes to this Solicitation it deems necessary in written addenda issued prior to the proposal due date. Proposers who obtain copies of this Solicitation from sources other than the County's Internal Services Department website at www.miamidade.gov/dpm or the Vendor Assistance Unit risk the possibility of not receiving addenda and are solely responsible for those risks.

1.0 PROJECT OVERVIEW AND GENERAL TERMS AND CONDITIONS

1.1 Introduction

Miami-Dade County, hereinafter referred to as the County, as represented by the Miami-Dade County Internal Services Department, Fleet Management Division, Public Works Department and Waste Management and Miami-Dade Transit Department, is soliciting proposals for the development, finance, construction, maintenance and operation of a Compressed Natural Gas Program solution. The County currently uses mostly diesel engine driven vehicles for its heavy fleet of vehicles. Through this solicitation, the County desires to select an entity(ies) which provides a solution(s) for a CNG Program that is in the best interests of the County. Decisions that may be made by the County as a result of this solicitation include, but are not limited to, financing/leasing of infrastructure/buildings/vehicles, design, build, maintain, operate (in any combination and in one or more locations) a CNG solution, utilizing County contracts for gas or proposed sources or both, introduce separate solutions for different departments or one encompassing solution (broken down by the two Departments "A" and "B"), phasing in a solution at different intervals of time, allowing partnerships from public and/or private entities; providing revenue generating opportunities from County owned stations (that may be operated by another party); or any other decision that the County deems to be in the best interest in presenting a CNG Program at the County.

The County provides herewith information as it pertains to vehicles/current fueling and maintenance practices, locations and make up of facilities and other related information for interested proposers consideration. The County desires to obtain solution(s) that best fits the County's needs

The term of any agreement resulting from this solicitation shall be determined during negotiations with the selected entity(ies) and will depend on what is being proposed. The County reserves the right to include option(s) to renew, as the County deems fit, which if included in any agreement shall be at the County's sole discretion.

The anticipated schedule for this Solicitation is as follows:

Solicitation issued:

Pre-Proposal Conference:

See front cover for date, time and place. Attendance is recommended but not mandatory. If you need a sign language interpreter or materials in accessible format for this event, please call the ADA Coordinator at (305) 375-2013 or email hjwrig@miamidade.gov at least five days in advance.

Deadline for receipt of questions:

Proposal due date:

See front cover for date, time and place.

Evaluation process:

Projected award date:

1.2 Definitions

The following words and expressions used in this Solicitation shall be construed as follows, except when it is clear from the context that another meaning is intended:

1. The word "Contractor" to mean the Proposer that receives any award of a contract from the County as a result of this Solicitation, also to be known as "the prime Contractor".
2. The word "County" to mean Miami-Dade County, a political subdivision of the State of Florida.
3. The word "Proposer" to mean the person, firm, entity or organization, as stated on Form A-1, submitting a response to this Solicitation.
4. The words "Scope of Work" to mean Section 2.0 of this Solicitation, which details the work to be performed by the Contractor.
5. The word "Solicitation" to mean this Request for Proposals (RFP) or Request for Qualifications (RFQ) document, and all associated addenda and attachments.
6. The word "Subcontractor" to mean any person, firm, entity or organization, other than the employees of the Contractor, who contracts with the Contractor to furnish labor, or labor and materials, in connection with the Services to the County, whether directly or indirectly, on behalf of the Contractor.

7. The words "Work", "Services", "Program", or "Project" to mean all matters and things that will be required to be done by the Contractor in accordance with the Scope of Work and the terms and conditions of this Solicitation.

1.3 General Proposal Information

The County may, at its sole and absolute discretion, reject any and all or parts of any or all responses; accept parts of any and all responses; further negotiate project scope and fees; postpone or cancel at any time this Solicitation process; or waive any irregularities in this Solicitation or in the responses received as a result of this process. A proposal shall be the Proposer's firm commitment to provide the goods and services solicited in the manner requested in the Solicitation and described in the proposal. In the event that a Proposer wishes to take an exception to any of the terms of this Solicitation, the Proposer shall clearly indicate the exception in its proposal. No exception shall be taken where the Solicitation specifically states that exceptions may not be taken. Further, no exception shall be allowed that, in the County's sole discretion, constitutes a material deviation from the requirements of the Solicitation. Proposals taking such exceptions may, in the County's sole discretion, be deemed nonresponsive. The County reserves the right to request and evaluate additional information from any respondent regarding respondent's responsibility after the submission deadline as the County deems necessary.

Proposals shall be irrevocable until contract award unless the proposal is withdrawn. A proposal may be withdrawn in writing only, addressed to the County contact person for this Solicitation, prior to the proposal due date or upon the expiration of 180 calendar days after the opening of proposals.

Proposers are hereby notified that all information submitted as part of, or in support of proposals will be available for public inspection after opening of proposals, in compliance with Chapter 119, Florida Statutes, popularly known as the "Public Record Law". The Proposer shall not submit any information in response to this Solicitation which the Proposer considers to be a trade secret, proprietary or confidential. The submission of any information to the County in connection with this Solicitation shall be deemed conclusively to be a waiver of any trade secret or other protection, which would otherwise be available to Proposer. In the event that the Proposer submits information to the County in violation of this restriction, either inadvertently or intentionally, and clearly identifies that information in the proposal as protected or confidential, the County may, in its sole discretion, either (a) communicate with the Proposer in writing in an effort to obtain the Proposer's written withdrawal of the confidentiality restriction or (b) endeavor to redact and return that information to the Proposer as quickly as possible, and if appropriate, evaluate the balance of the proposal. Under no circumstances shall the County request the withdrawal of the confidentiality restriction if such communication would in the County's sole discretion give to such Proposer a competitive advantage over other proposers. The redaction or return of information pursuant to this clause may render a proposal non-responsive.

Any Proposer who, at the time of proposal submission, is involved in an ongoing bankruptcy as a debtor, or in a reorganization, liquidation, or dissolution proceeding, or if a trustee or receiver has been appointed over all or a substantial portion of the property of the Proposer under federal bankruptcy law or any state insolvency law, may be found non-responsible. To request a copy of any ordinance, resolution and/or administrative order cited in this Solicitation, the Proposer must contact the Clerk of the Board at (305) 375-5126.

1.4 Cone of Silence

Pursuant to Section 2-11.1(t) of the Miami-Dade County Code, as amended, a "Cone of Silence" is imposed upon each RFP or RFQ after advertisement and terminates at the time a written recommendation is issued. The Cone of Silence prohibits any communication regarding RFPs or RFQs between, among others:

- potential Proposers, service providers, lobbyists or consultants **and** the County's professional staff including, but not limited to, the County Mayor and the County Mayor's staff, County Commissioners or their respective staffs;
- the County Commissioners or their respective staffs **and** the County's professional staff including, but not limited to, the County Mayor and the County Mayor's staff; or
- potential Proposers, service providers, lobbyists or consultants, any member of the County's professional staff, the Mayor, County Commissioners or their respective staffs **and** any member of the respective selection committee.

The provisions do not apply to, among other communications:

- oral communications with the staff of the Vendor Assistance Unit, the responsible Procurement Agent or Contracting Officer, provided the communication is limited strictly to matters of process or procedure already contained in the solicitation document;
- oral communications at pre-proposal conferences, oral presentations before selection committees, contract negotiations during any duly noticed public meeting, public presentations made to the Board of County Commissioners during any duly noticed public meeting; or
- communications in writing at any time with any county employees, official or member of the Board of County Commissioners unless specifically prohibited by the applicable RFP or RFQ documents.

When the Cone of Silence is in effect, all potential vendors, service providers, bidders, lobbyists and consultants shall file a copy of any written correspondence concerning the particular RFP or RFQ with the Clerk of the Board, which shall be made available to any person upon request. The County shall respond in writing (if County deems a response necessary) and file a copy with the Clerk of the Board, which shall be made available to any person upon request. Written communications may be in the form of e-mail, with a copy to the Clerk of the Board at clerkbcc@miamidade.gov.

1.5 Public Entity Crimes

Pursuant to Paragraph 2(a) of Section 287.133, Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal for a contract to provide any goods or services to a public entity; may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit proposals on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and, may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

1.6 Lobbyist Contingency Fees

- a) In accordance with Section 2-11.1(s) of the Code of Miami-Dade County, after May, 16, 2003, no person may, in whole or in part, pay, give or agree to pay or give a contingency fee to another person. No person may, in whole or in part, receive or agree to receive a contingency fee.
- b) A contingency fee is a fee, bonus, commission or non-monetary benefit as compensation which is dependent on or in any way contingent upon the passage, defeat, or modification of: 1) any ordinance, resolution, action or decision of the County Commission; 2) any action, decision or recommendation of the County Mayor or any County board or committee; or 3) any action, decision or recommendation of any County personnel during the time period of the entire decision-making process regarding such action, decision or recommendation which foreseeably will be heard or reviewed by the County Commission or a County board or committee.

1.7 Collusion

In accordance with Section 2-8.1.1 of the Code of Miami-Dade County, where two (2) or more related parties, as defined herein, each submit a proposal for any contract, such proposals shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such proposals. Related parties shall mean Proposer or the principals thereof which have a direct or indirect ownership interest in another Proposer for the same contract or in which a parent company or the principals thereof of one Proposer have a direct or indirect ownership interest in another Proposer for the same contract. Proposals found to be collusive shall be rejected. Proposers who have been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

1.8 Contract Measures – (Construction, Design and SBE)

This Solicitation includes contract measures for Miami-Dade County Certified Small Business Enterprises (SBE's) as follows.

Set-aside:

This Solicitation is set-aside for SBE's.

Subcontractor Goal:

_____% SBE subcontractor goal is applicable. The purpose of a subcontractor goal is to have portions of the work under the prime contract performed by available subcontractors that are certified SBEs for contract values totaling not less than the percentage of the prime contract value set out in this Solicitation. Subcontractor goals may be applied to a contract when estimates made prior to solicitation advertisement identify the quality; quantity and type of opportunities in the contract and SBEs are available to afford effective competition in providing a percentage of these identified services. Proposers shall submit a completed Schedule of Intent Affidavit (Form SBD 504) at the time of proposal identifying all SBEs to be utilized to meet the subcontractor goal. The Schedule of Intent Affidavit shall specify the scope of work and commodity code the SBE will perform. The Schedule of Intent Affidavit constitutes a written representation by the Proposer that to the best of the Proposer's knowledge the SBEs listed are available and have agreed to perform as specified, or that the Proposer will demonstrate unavailability.

The participating SBE firms (or joint ventures) must have a valid Miami-Dade County SBE certification by the proposal submittal deadline of this Solicitation, as well as, meet all other requirements. Additional information regarding Miami-Dade County's Small Business Enterprise Program, including new amendments to the program, is available on the Small Business Development's website <http://new.miamidade.gov/business/business-development.asp>.

(If Selection Factor, use Section 4.4 and delete above section.)

2.0 SCOPE OF WORK

2.1 Background

Miami-Dade County (County) is soliciting proposals for the introduction of a Compressed Natural Gas Program for its heavy diesel fleet. Currently, the County is focusing on the heavy diesel fleet at Public Works Waste Management (PWWM) and Transit Departments (MDT). The County requests a separate proposal for PWWM/ISD and MDT. The Scope below is separated by A-1 and A-2 for the PWWD/ISD Departments and by "B" for MDT Department. Additionally, the County seeks proposals for revenue generating opportunities in the form of CNG stations wherein the County can partner with an entity to serve other public and non County fleet entities and other ideas and concepts the proposer may suggest that may be in the best interest of the County.

A-1 PWWM CNG Scope of Work 031213

The Public Works and Waste Management Department (PWWM) desires to transition its on-road heavy fleet vehicles from diesel to compressed natural gas (CNG) as vehicles are retired from service and replaced in accordance with the Department's Fleet Replacement Plan. The Fleet Plan is updated annually through the budget development process. The current Fleet Plan is shown below. The Internal Services Department (ISD) is responsible for the maintenance of the PWWM fleet. (See A-2 below)

PWWM TEN YEAR HEAVY FLEET PLAN

VEHICLE TYPE	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20	FY20-21	FY21-22
Automated Side Loader	29	29	29	29	17	29	29	29	29	29
Small Automated Side Loader				4			4		4	
Small Rear Loader								4		
Rear Loader Garbage Truck	9	9	9	7	7	7		7		9
Trash Truck	5	10	19	7	7	5	4			
Trash Truck w/loader			3			6				
Crane		10	9			6				
Roll-Off Truck	6			6	6	6	6	6		6
Vactor Truck	3	1	2				1			
Flat Bed Truck	2			4						
Dump Truck			4	5						
Knuckle Boom Truck		4								
Truck Tractor	10	16	12	10	10	10	10		10	20

TOTAL TRUCKS PER YEAR	64	79	87	72	47	69	54	46	43	64
AVERAGE TRUCKS PER YEAR	63									
TOTAL TRUCKS IN PLAN	625									

PWWM OVERNIGHT VEHICLE SITES 2012	Auto Side Loader ³	Small Auto Side Loader	Small Rear Loader	Rear Loader Garbage Truck	Trash Truck ⁴	Trash Truck w/loader	Crane	Roll-Off Truck	Vactor Truck	Flat Bed Truck	Dump Truck	Knuckle Boom Truck	Truck Tractor	Site Totals
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As shown in the Fleet Plan, the Department expects to replace approximately 63 vehicles on average each year

for the next 10 years. To accomplish this transition, the Department will ultimately require CNG fueling capability to serve the entire fleet of approximately 625 vehicles.

The PWWM fleet is serviced by the County's ISD Fleet Management Division as further detailed in Section A-2 below.

Waste Disposal & Transfer Sites															
1.	Central Transfer Station - 1150 NW 20 ST						1						19	20	
2.	Northeast Transfer Station - 18701 NE 6 AVE						1						22	23	
3.	West Transfer Station - 2900 SW 72 AVE						1						22	23	
4.	Resources Recovery - 6990 NW 97 AVE ¹												30	30	
5.	South Dade Landfill - 23700 SW 97 AVE ²	14			5	3	1	4	6				27	60	
Waste Collection Sites															
6.	3A - 18701 NE 6 AVE -ISD/FM facility on-site	50	3	2	12								13	80	
7.	3B - 7900 SW 107 AVE ISD/FM facility on-site	46	1	2	12	29	9	10	31					140	
8.	58ST - 8801 NW 58 ST - ISD/FM facility on-site ⁵	76	4	2	15	24	8	12	26					167	
Public Works Site															
9.	Road and Bridge - 9301 NW 58 ST					32		7		14		34	3	7	97
													Total	640	

¹- CNG pipeline on-site

²- CNG pipeline on adjacent WASD site

³- 6 are hydraulic hybrid

⁴- For Public Works Trash Truck category includes: 12 flatbeds, 10 trash trucks, 7 patch trucks & 3 water trucks

⁵- This facility is on a former landfill

Note: ISD/FM operates a heavy fleet shop at 10800 SW 211 Street that serves vehicles from the South Dade Landfill

The vehicles are parked overnight at various sites located throughout Miami-Dade County as shown in the Overnight Vehicle Sites list above. As indicated, ISD Fleet Maintenance facilities are co-located at some of these sites. Also indicated are sites that have at the site or nearby existing natural gas pipelines. The three vehicle concentrations highlighted on the sites list are located in the same general vicinity (Sites 4, 8 & 9). Many of the Department's waste collection and transport vehicles visit this area each day to deliver waste to the Resources Recovery Facility. It is also important to note that the Department operates a night-shift at the waste transfer stations until 1:00 a.m. To further inform your proposal, below is a table showing average diesel fuel consumption for the most representative vehicle types.

SELECTED PWWM VEHICLE TYPES	AVG. DIESEL GALLONS CONSUMED/YEAR
AUTOMATED SIDE LOADER	5,500
REAR LOADER GARBAGE TRUCK	4,400
ROLL-OFF TRUCK	3,900
TRASH TRUCK	2,500
TRASH TRUCK W/LOADER	2,500
VACTOR TRUCK	4,500
CRANE	2,500
TRACTOR	6,200

The selected entity will finalize its analysis of the PWWM/ISD fleet operations and determine the optimum CNG fueling solution. The solution can be phased-in over multiple years as vehicles are delivered. If phasing is proposed, the selected entity will prepare a final detailed phasing plan where vehicle deliveries coincide with fueling and fleet maintenance capabilities. The Department prefers to have time-fill capability where feasible, but must also have readily available fast-fill capability to ensure continuity of operations throughout the day and night.

It is desired that the selected entity will design, build, operate and maintain all CNG fueling facilities, and provide:

- Extensions of natural gas utility pipelines
- Electrical utility upgrades
- Back-up power sources
- CNG evacuation equipment
- Mobile emergency fueling units
- CNG compressor redundancy
- CNG storage redundancy
- All federal, state and local permits and licenses necessary to complete the project
- All required facility upgrades or replacement facilities, including design, permitting, construction and final certificate of occupancy.

It is desired that the selected entity be capable of securing long-term financing for CNG fueling facilities, facility upgrades or replacement, and heavy fleet purchases. The PWWM may secure the natural gas supplier(s) itself or require the selected entity to provide the supplier(s).

A-2 ISD Fleet CNG Scope 3-13-13

Intent

Miami-Dade County's Internal Services Fleet Management Division ("ISD/FMD"), desires a complete "turnkey" solution(s) to implement all required modifications to, or replacement of, Fleet Management maintenance facilities to accommodate the safe and efficient maintenance of its compressed natural gas ("CNG") vehicles and equipment.

Deliverables

The selected entity will provide ISD/FMD with a turnkey solution to convert the Fleet Management Facilities to safely accommodate CNG equipment maintenance and storage. It is desired that the solution include but not be limited to:

- Evaluating, designing and constructing new ISD/FMD facilities or upgrade facilities, as needed to ensure safe, efficient maintenance of CNG heavy duty trucks. Performing CNG related upgrades to ISD/FMD facilities to meet all federal, state and local regulations. ISD/FMD will maintain CNG vehicles at the following facilities:
 - Shop 2, 6100 SW 87th Avenue Miami, FL 33173
 - Shop 3 Main, 8801 NW 58th Street, Miami, FL 33178
 - Shop 3A, 18701 NE 6th Avenue, Miami, FL 33179
 - Shop 3B, 7900 SW 107th Avenue, Miami, FL 33173
 - Shop 3C, 8801 NW 58th Street, Miami, FL 33178
 - Shop 3D, 10820 SW 211th Street, Miami, FL 33189
 - Shop 3D Tire, 10890 SW 211th Street, Miami, FL 33189

The update or rebuild of the Shop 3 Main facility is being contemplated as the first CNG facility with the others to follow based on when CNG heavy equipment and associated infrastructure is added to the other facilities.

Natural Gas Purchases

The County, in its best interest, reserves the right to purchase natural gas directly from existing and future County natural gas contracts for any and all County CNG facilities and non-County fleet agencies.

B CNG- Transit Bus Program

Miami-Dade County's Transit Department ("MDT"), desires a complete "turnkey" solution(s) to implement a compressed natural gas ("CNG") Bus Program. The intent of the program is to implement a cost-effective approach to reducing dependence on petroleum-based diesel fuel.

Below is an overview of the anticipated scope of the services required to design, build, operate and maintain a fueling infrastructure, modify MDT's bus facilities to accommodate CNG buses, and effect the replacement of up to 300 transit buses. These are offered only as an indication to Proposers of the overall scope of the program and to provide a broad guide for Proposers in preparing their solutions. They are not to be construed as firm requirements. The Proposer is encouraged to propose new and innovative ideas to achieve the intent of the program expeditiously, reliably and economically.

- Design, build, operate, and maintain natural gas fueling stations on MDT property that will meet present and future bus fleet CNG fueling requirements and modify existing buildings and equipment to comply with applicable codes and regulations.
- The compression system shall be electrically powered with sufficient number of compressors sized to meet MDT fleet fueling requirements with one compressor not in operation.
- A back-up generator shall be required to fully power the compression system in the event of loss of electrical power.
- The compression system shall be capable of continuous fueling of four buses simultaneously at 5000psig and sufficient CFM to completely fuel the buses in 6.5 minutes, assuming each bus requires 138 DGE.
- Four CNG dispensers shall be installed at the fuel island, one at each traffic lane. Fuel dispensers shall require credentials to initiate operation, notify the operator when fueling is completed, and shall display and electronically communicate the amount of fuel dispensed to MDT's inventory system.
- All servicing transactions including fuel, fluids, operator and vehicle data must be communicated through the E. J. Ward fueling system.
- A 2,500 gallon CNG engine oil storage tank, pump, plumbing and four overhead hose reels, one at each traffic lane, shall be installed at each fuel island. Additional plumbing for CNG engine oil hose reels shall be required for the maintenance shops.
- Plumbing and overhead hose reels for coolant and transmission fluid shall be installed at each traffic lane of each fuel island. Shop air and water shall also be available at the fuel island.
- A bus vacuuming system shall be provided with hoses for cleaning the buses at each lane.
- The fuel island shall be well illuminated for nighttime servicing of the buses.
- The fuel island shall have office space for MDT personnel.
- All labor, materials, equipment, expendables, and incidentals shall be provided to maintain the fuel facility. MDT will be responsible for replenishing the engine oil, transmission fluid, and coolant as needed.
- The contractor shall be responsible for all electricity billing charges to operate the entire fueling operation.
- The fueling facility shall be available to operate 24 hours per day, seven days per week.
- The contractor shall respond to correct any malfunction within 12 hours of being notified. For emergencies that result in loss or degradation of fueling capacity or pose a safety hazard, the contractor shall respond immediately.

- Inspect the entire maintenance facility at each location including all existing buildings, structures, and equipment to determine any and all modifications required to meet applicable codes and regulations and implement all required modifications in accordance with best industry practices.
- Ensure that all equipment is installed in accordance to the manufacturer’s requirements.
- Execution of the work shall not impede MDT’s normal fueling and maintenance operations.
- Lease or finance new CNG powered transit buses, per MDT specifications, for MDT to operate in revenue service. The cost of the buses are to be paid through a supplemental charge added to the per DGE cost of the fuel dispensed, monthly lease / financing payments, or a combination of both.
- This is intended to be a “turnkey” project. The contractor shall be responsible for all work required to provide a fully functional fueling and servicing station. The scope of work shall include all natural gas utility and electrical utility infrastructure development, installation of underground transmission lines, all electrical work, modification of existing facilities, and restoration. Contractor must thoroughly inspect the facilities and infrastructure at each location as contractor will be responsible for all conditions that may impact the work. The contractor shall be responsible for all permits, approvals, and fees.

Financial Plan

The Proposal shall include a detailed itemized Financial Plan for accomplishing the CNG Program, and a Cost-Benefit Analysis (CBA) in order to support and quantitatively demonstrate the overall financial savings which MDT can expect to obtain over the lifetime of the CNG Bus Program.

CNG Implementation Timeline Alternatives

It is the intent of MDT to complete the implementation of the CNG Program at its three bus facilities as soon as possible, and in the most cost-effective manner. As such, MDT will consider alternative proposals encompassing innovative solutions that would accelerate savings for MDT.

Attachment A – MDT 40-Foot Coach Specifications

(Submitted under separate cover)

Attachment B – MDT Bus Fleet Replacement Eligibility Schedule

Feb-13	358
Jan-14	56
Jul-14	55
Jan-15	66
Jul-15	51
Jan-16	34
Jul-16	13
Jan-17	7
Jul-17	13
Jan-18	8
Jul-18	5
Jan-19	6
Jul-19	12
Jan-20	38
Jul-20	35
Jan-21	13
Jul-21	9
Jan-22	27
Jul-22	7
Jan-23	5
Total	818

Deliverables

The awarded contractor will provide MDT with a turnkey solution to convert the Central Bus Maintenance Facility to CNG; the solution for the Central Facility shall include but not be limited to:

- Design, Build, Operate and Maintain (DBOM) a full service island with a minimum of 4 lanes. Each lane must include all equipment required to properly service up to 300 buses within a specified time frame.
- Perform CNG related upgrades to an Operations & Inspection garage as well as a Major Overhaul garage located within the Central Division that will meet all federal, state and local regulations.
- Effect the replacement of up to 300 full size transit buses assigned to the Central Facility as per MDT specifications (see Attachment A).

The conversion at Central will be followed by the conversion of two other MDT bus facilities at the Coral Way and North East bus divisions. Similar solutions are to be submitted for those two facilities as part of the Proposal. It is anticipated that the completion of the two other facilities will coincide with receipt of new CNG buses to replace older diesel buses as determined by FTA bus retirement eligibility guidelines (see Attachment B).

Attachment A – MDT 40-Foot Coach Specifications

(Submitted under separate cover)

Attachment B – MDT Bus Fleet Replacement Eligibility Schedule

13-Feb	358	18-Jul	5
14-Jan	56	19-Jan	6
14-Jul	55	19-Jul	12
15-Jan	66	20-Jan	38
15-Jul	51	20-Jul	35
16-Jan	34	21-Jan	13
16-Jul	13	21-Jul	9
17-Jan	7	22-Jan	27
17-Jul	13	22-Jul	7
18-Jan	8	23-Jan	5

Total 818

MDT Facilities with details:

Facility/Location	Number	Primary	Number	Stage	Maximum	Total Stage	DGE per Bus
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	of Buses	Fueling Hours*	of Fueling Lanes	Time per Bus (1)	Fill Time per Bus (2)	and Fuel Time per Bus (3) 1 + 2 = 3	- empty tank
Central O & I Facility 3431 NW 31 Street Miami, Florida 33142	279	7:00pm – 3:00am 8 hrs.	4	1.5 min.	6.5 min	8 min	138 DGE
Coral Way Facility 2775 SW 74 Avenue Miami, Florida 33155	284	7:00pm – 3:00am 8 hrs.	4	1.5 min.	6.5 min	8 min	138 DGE
Northeast Facility 360 NE 185 Street Miami, Florida 33179	259	7:00pm – 3:00am 8 hrs.	4	1.5 min.	6.5 min	8 min	138 DGE

*Service Islands are open 24 hours, 365 days a year

3.0 RESPONSE REQUIREMENTS

3.1 Submittal Requirements

In response to this Solicitation, Proposer should **return the entire completed Proposal Submission Package** (see attached). Proposers should carefully follow the format and instructions outlined therein. All documents and information must be fully completed and signed as required.

The proposal shall be written in sufficient detail to permit the County to conduct a meaningful evaluation of the proposed services. However, overly elaborate responses are not requested or desired.

4.0 EVALUATION PROCESS

4.1 Review of Proposals for Responsiveness

Each proposal will be reviewed to determine if the proposal is responsive to the submission requirements outlined in this Solicitation. A responsive proposal is one which follows the requirements of this Solicitation, includes all documentation, is submitted in the format outlined in this Solicitation, is of timely submission, and has the appropriate signatures as required on each document. Failure to comply with these requirements may result in the proposal being deemed non-responsive.

4.2 Evaluation Criteria

Proposals will be evaluated by an Evaluation/Selection Committee which will evaluate and rank proposals on criteria listed below. The Evaluation/Selection Committee will be comprised of appropriate County personnel and members of the community, as deemed necessary, with the appropriate experience and/or knowledge, striving to ensure that the Evaluation/Selection Committee is balanced with regard to both ethnicity and gender. The criteria are itemized with their respective weights for a maximum total of one hundred (100) points per Evaluation/Selection Committee member.

<u>Technical Criteria</u>	<u>Points</u>
1. Proposer Experience, Qualifications, Resources	
2. Proposer Staff Qualifications	
3. Minimum Fuel Consumption Requirements (Proposer to indicate minimum consumption to coincide with the adder in #8 below)	
4. Proposed Solution, Financing and Implementation Plan for Fueling facilities and infrastructure	
5. Proposed Solution, Financing and Implementation Plan for Maintenance facilities Upgrade/Construction	
6. Proposed Financing for CNG Vehicles	
7. Cost Benefit Analysis/ROI	
Price Criteria	Points

8. Proposed Pricing

For PWWM/ISD:

CNG volumes will gradually increase each year as new vehicles are purchased based on the Department's 10-Year Fleet Replacement Plan; on average 63 trucks per year. Given the Department's graduated CNG consumption curve, the proposer

shall offer pricing options for the CNG fueling station(s) and ISD/FMD maintenance facility upgrades/replacements as follows:

- 1) Lump sum price for CNG Fueling Station(s) by station
- 2) Lump sum price for ISD/FMD Facility Upgrades/Replacements by facility
- 3) Per Therm adder over the contract period for operation and maintenance of CNG fueling station(s); identify any cost escalator that will be applied annually (e.g. Consumer Price Index (CPI))
- 4) Monthly payment for operation and maintenance of the CNG fueling station(s); identify any cost escalator that will be applied annually (e.g. CPI)
- 5) Per Therm adder over the contract period, or other lesser specified period, for repayment of principal and interest for maintenance facility upgrades/replacements; stipulate no early repayment penalty
- 6) Monthly payment for principal and interest for maintenance facility upgrades/replacements; stipulate no early repayment penalty

For MDT:

A guaranteed volume of diesel gallon equivalent would be required. CNG fuel usage estimated at approximately 11,000 gallons per year per bus for 300 buses which would yield a total of 3,300,000 diesel gallons per year.

Adders on a per diesel gallon equivalent to be separated by services:

- 1) adder for the cost of fueling facility construction and installation
- 2) adder for the cost of the facility renovations and construction
- 3) adder for the cost of bus/equipment replacement

As an alternative pricing model, proposers could provide a monthly amount that would be collected that is not tied to consumption.

4.3 Oral Presentations

Upon completion of the criteria evaluation indicated above, rating and ranking, the Evaluation/Selection Committee may choose to conduct an oral presentation with the Proposer(s) which the Evaluation/Selection Committee deems to warrant further consideration based on, among other considerations, scores in clusters and/or maintaining competition. (See **Form A-2** regarding registering speakers in the proposal for oral presentations.) Upon completion of the oral presentation(s), the Evaluation/Selection Committee will re-evaluate, re-rate and re-rank the proposals remaining in consideration based upon the written documents combined with the oral presentation.

4.4 Selection Factor

This Solicitation includes a selection factor for Miami-Dade County Certified Small Business Enterprises (SBE's) as follows. A SBE/Micro Business Enterprise is entitled to receive an additional ten percent (10%) of the total technical evaluation points on the technical portion of such Proposer's proposal. An SBE/Micro Business Enterprise must be certified by Small Business Development for the type of goods and/or services the Proposer provides in accordance with the applicable Commodity Code(s) for this Solicitation. For certification information contact Small Business Development at (305) 375-2378 or access <http://new.miamidade.gov/business/business-development.asp>. The SBE/Micro Business Enterprise must be certified by proposal submission deadline, at contract award, and for the duration of the contract to remain eligible for the preference. Firms that graduate from the SBE program during the contract may remain on the contract.

OR

A Selection Factor is not applicable to this Solicitation.

OR

(If no points are assigned to evaluation criteria, include the following in addition to above paragraph):

Whenever there are two best ranked proposals that are substantially equal and only one of the two so ranked proposals is submitted by a Proposer entitled to a selection factor, the selection factor shall be the deciding factor for award.

4.5 Local Certified Service-Disabled Veteran's Business Enterprise Preference

This Solicitation includes a preference for Miami-Dade County Local Certified Service-Disabled Veteran Business Enterprises in accordance with Section 2-8.5.1 of the Code of Miami-Dade County. A VBE is entitled to receive an additional five percent (5%) of the total technical evaluation points on the technical portion of such Proposer's proposal. If a Miami-Dade County Certified Small Business Enterprise (SBE) measure is being applied to this Solicitation, a VBE which also qualifies for the SBE measure shall not receive the veteran's preference provided in this section and shall be limited to the applicable SBE preference.

4.6 Price Evaluation

The price proposal will be evaluated subjectively in combination with the technical proposal, including an evaluation of how well it matches Proposer's understanding of the County's needs described in this Solicitation, the Proposer's assumptions, and the value of the proposed services. The pricing evaluation is used as part of the evaluation process to determine the highest ranked Proposer. The County reserves the right to negotiate the final terms, conditions and pricing of the contract as may be in the best interest of the County.

4.7 Local Preference

The evaluation of competitive solicitations is subject to Section 2-8.5 of the Miami-Dade County Code, which, except where contrary to federal or state law, or any other funding source requirements, provides that preference be given to local businesses (see **Form A-4**). If, following the completion of final rankings by the Evaluation/Selection Committee, a non-local Proposer is the highest ranked responsive and responsible Proposer, and the ranking of a responsive and responsible local Proposer is within 5% of the ranking obtained by said non-local Proposer, then the Evaluation/Selection Committee will recommend that a contract be negotiated with said local Proposer.

4.8 Negotiations

The County may award a contract on the basis of initial offers received, without discussions. Therefore, each initial offer should contain the Proposer's best terms from a monetary and technical standpoint.

The Evaluation/Selection Committee will evaluate, score and rank proposals, and submit the results of their evaluation to the County Mayor or designee with their recommendation. The County Mayor or designee will determine with which Proposer(s) the County shall negotiate, if any, taking into consideration the Local Preference Section above. In his sole discretion, the County Mayor or designee may direct negotiations with the highest ranked Proposer, negotiations with multiple Proposers, or may request best and final offers.

Notwithstanding the foregoing, if the County and said Proposer(s) cannot reach agreement on a contract, the County reserves the right to terminate negotiations and may, at the County Mayor's or designee's discretion, begin negotiations with the next highest ranked Proposer(s). This process may continue until a contract acceptable to the County has been executed or all proposals are rejected. No Proposer shall have any rights against the County arising from such negotiations or termination thereof.

Any Proposer recommended for negotiations shall complete a Collusion Affidavit, in accordance with Sections 2-8.1.1 of the Miami-Dade County Code. (If a Proposer fails to submit the required Collusion Affidavit, said Proposer shall be ineligible for award.)

4.9 Contract Award

Any contract, resulting from this Solicitation, will be submitted to the County Mayor or designee for approval. All Proposers will be notified in writing when the County Mayor or designee makes an award recommendation. The Contract award, if any, shall be made to the Proposer whose proposal shall be deemed by the County to be in the best interest of the County. Notwithstanding the rights of protest listed below, the County's decision of whether to make the award and to which Proposer shall be final.

4.10 Rights of Protest

A recommendation for contract award or rejection of all proposals may be protested by a Proposer in accordance with the procedures contained in Sections 2-8.3 and 2-8.4 of the County Code, as amended, and as established in Implementing Order No. 3-21.

5.0 TERMS AND CONDITIONS

The anticipated form of agreement is attached. The terms and conditions summarized below are of special note and can be found in their entirety in the agreement:

a) Vendor Registration

Prior to being recommended for award, the Proposer shall complete a Miami-Dade County Vendor Registration Package. Effective June 1, 2008, the new Vendor Registration Package, including a Uniform Affidavit Packet (Affidavit form), must be completed. The Vendor Registration Package, including all affidavits can be obtained by downloading from the website at http://www.miamidade.gov/DPM/vendor_registration.asp or from the Vendor Assistance Unit at 111 N.W. 1st Street, 13th Floor, Miami, FL. The recommended Proposer shall affirm that all information submitted with its Vendor Registration Package is current, complete and accurate, at the time they submitted a response to the Solicitation, by completing an Affirmation of Vendor Affidavit form.

b) Insurance Requirements

The Contractor shall furnish to the County, Internal Services Department, Procurement Management Division, prior to the commencement of any work under any agreement, Certificates of Insurance which indicate insurance coverage has been obtained that meets the stated requirements.

c) Inspector General Reviews

According to Section 2-1076 of the Code of Miami-Dade County, as amended by Ordinance No. 99-63, Miami-Dade County has established the Office of the Inspector General which may, on a random basis, perform audits on all County contracts, throughout the duration of said contracts, except as otherwise indicated. The cost of the audit, if applicable, shall be one quarter (1/4) of one (1) percent of the total contract amount and the cost shall be included in any proposed price. The audit cost will be deducted by the County from progress payments to the Contractor, if applicable.

d) ~~User Access Program~~

~~Pursuant to Section 2-8.10 of the Miami-Dade County Code, any agreement issued as a result of this Solicitation is subject to a user access fee under the County User Access Program (UAP) in the amount of two percent (2%). All sales resulting from this Solicitation and the utilization of the County contract price and the terms and conditions identified therein, are subject to the two percent (2%) UAP.~~

Q: Need IG language but what the fee requirement if this is revenue?

6.0 ATTACHMENTS

Form of Agreement
Proposal Submission Package

Walters, Vivian (RER)

From: Lee, Jesus (ISD)
Sent: Wednesday, April 03, 2013 9:43 AM
To: Walters, Vivian (RER)
Cc: Zawoyski, Andrew S. (ISD)
Subject: SBD Input Doc for RQID1300099
Attachments: DBD DEPARTMENT INPUT.doc

Good morning Vivian,

Attached is the SBD Input for your review and comment. Also attached is the latest draft of RFP868 for Compressed Natural Gas. The best description I can give you at this point is:

A development project involving design, engineering, construction, operation, of new fuel stations, new or upgraded County maintenance facilities, purchase or lease of new vehicles.

Please call me if you have any questions.

Thanks.

Jesus Lee, CPPB

Procurement Contracting Officer 2

Miami-Dade County

Internal Services Department

Procurement Management, Transit Unit

111 NW 1st Street, 13th Floor

Miami, FL 33128

Phone No. (305) 375-4264

Fax No. (305) 375-1083



"Delivering Excellence Every Day"

Miami-Dade County is a public entity subject to Chapter 119 of the Florida Statutes concerning public records. E-mail messages are covered under such laws and thus subject to disclosure.