

LIST 1

RFEI SUMMARY REQUIREMENTS	COMPARATIVE SUMMARY					
Company Name	Advanced Disposal Services South Florida, LLC (ADS)	Al-Tech E.S. Incorporated	Atlantic Coast Environmental, Inc. (ACE)	Best Recycling Services	Canusa Hershman Recycling Company	Casella Renewable Systems, LLC
Company Contact Information						
Contact Name	Mary Middelton O'Brien	James Florio	Mitchell Fogel	Harold Solomon	Jonathan Sloan	James W. Bohlig, President and COO and Paula Calabrese, Director of Strategic Planning
Contact Address	9995 Gate Parkway, Suite 200 Jacksonville, FL 32246	10700 SW 18 th Place Plantation, FL 33322	1751 SW 43 rd Terrace Deerfield Beach, FL 33442	5835 Plunkett Street Hollywood, FL 33023	6401 Quad Avenue Baltimore, MD 21205	25 Greens Hill Lane Rutland, VT 05701
Contact Telephone Number	Tel: 904-616-5322	Tel: 954-548-8501	Tel: 561-393-9111	Tel: 954-961-3033	Tel: 410-319-0321 ext. 107	Tel: 802-775-0325
Contact E-mail Address	Not Provided	Jim Druien, President jdruien@bellsouth.net (email not provided for contact)	Not Provided	Not Provided	jsloan@chrecycling.com	Not Provided
General Company Information						
EOI Overview	Expand current landfills in the County, construct and operate a MRF.	Transfer waste at Port Everglades, ship waste to Haiti and construct a landfill, WTE facility and Pyrolysis facility to process waste in Haiti. C&D will be sorted and used for road base. Haitians will be employed and taught to run the facilities, and excess power will be sold to Haitians at a low rate.	Transport, haul and dispose of MSW and provide recycling, as well as C&D and vegetative recycling.	Provide recycling services, Design, Build, Operate (DBO) MRF.	Provide recycling services and DBO a MRF.	Provide collection, hauling, recycling, and disposal, as well as Liquid Fuels waste processing, landfill gas to energy, and landfill operating services. DBO MRF and landfill gas to energy systems at the County landfill.
The business structure (corporation, partnership, sole owner, joint venture, etc.) of the Respondent.	Limited Liability Company	Joint Venture	Private subchapter S Corporation	Not Provided	Joint Venture between Canusa Hershman and Reflective Industries, LLC	Limited Liability Company
Name of the Respondent's parent company.	Advanced Disposal Services, Inc.	Al-Tech E.S. Incorporated	Not provided	Not Provided	Canusa Hershman Recycling Company	Casella Waste Systems, Inc.
The area of expertise of the Respondent.	Landfill and MRF permitting, construction and operations	Waterborne solid waste transfer and disposal.	Roll-off services, transfer services, recycling services, site services, C&D and vegetative	Recycling and operating MRFs.	Recycling and glass recycling/processing.	Collection, transfer, disposal and recycling services, as well as some energy production.

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			debris services.			
Specify the financial resources presented by the Respondent in order to implement any or all component(s) of the proposed service(s).	Total assets of over \$550M. Full financial details in Tab 3 of their EOI.	Financial resource information not Provided for Al-Tech. Partner companies take in revenue exceeding several billion dollars. See page 1 of EOI.	Not Provided	Not Provided	Combined sales in excess \$300M in 2007.	\$500M annual gross revenues. Annual report with detailed financials attached to EOI.
Provide information related to professional ability of the Respondent in order to implement the proposed service(s).	<ul style="list-style-type: none"> ▪ Over 20-years of landfill operational experience. ▪ Smurfit Stone, under a cooperative agreement with ADS, has MRF operating experience at over 180 facilities, in the US, Canada, and Mexico and 23 recycling plants in the US. 	James Florio founded Al-Tech 12 years ago and several partner companies have international experience exceeding 30-years.	Own and operate MRF/Transfer Station in Deerfield for vegetative debris, and C&D debris.	Experience totals 28-years of providing recycling services. Awarded recycling contract with City of Hollywood and permitted to construct material recovery facility, but project was never completed.	<ul style="list-style-type: none"> ▪ Combined, over 150-years of experience. ▪ Reflective Industries operates 11 facilities with 2 under construction processing over 25,000 tons per month (tpm) of glass. ▪ Canusa operates 4 facilities with 20,000 tpm of all recyclables. 	Currently service approximately 288,000 residential and 51,000 industrial/commercial clients.

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Provide related experience of the Respondent in performing the proposed service(s).	<ul style="list-style-type: none"> ▪ Eagle Point Landfill, GA - MSW landfill opened in 2002 accepting 3,300 tpd of MSW. ▪ Wolf Creek Landfill, GA - MSW landfill, expanded in 2006 by ADS, accepting 1,250 tpd of MSW. ▪ Pasco Lakes Landfill, FL - C&D landfill acquired in 2003, 950 tpd of C&D. ▪ Old Kings Road Landfill, Jacksonville, FL - C&D landfill acquired in 2006, currently closing. ▪ Nassau County Landfill, FL - C&D landfill acquired in 2004, not currently accepting waste. <p>*Several more landfills that are operated by ADS are listed in the EOI.</p>	Consulting with New York City, Bridgeport, CT, and the Connecticut Resource Recovery Authority (CRRA), but is still in continuous discussions and negotiations.	Own and operate Deerfield Beach MRF/Transfer Station and owns and operates Atlantic Coast Glades, LLC.	28-years of recycling services.	Both companies operate commercially active facilities in their respective recycling fields.	<ul style="list-style-type: none"> ▪ Since 1975 Casella has collected, transferred, and processed solid waste as well as operated landfills. ▪ Currently owns and/or operates 11 landfills, 38 collection operations, 32 transfer stations, 38 recycling facilities, and 1 WTE facility. ▪ Vertically integrated in VT, NH, NY, MA, ME, and also in PA, NJ, NC, SC, TN, GA, FL, MI, and WI. FCR, a subsidiary of Casella, designs, builds, and operates over 20 MRFs.
List the proposing company's references (contact name, number, address).	<p>Charlie Laughinghouse Eagle Point Landfill - Chairman 770-781-2101</p> <p>Glenn Barton Wolf Creek Landfill - County Manager 478-945-3629</p> <p>Art Bork Pasco Lakes Landfill - Code Enforcement Director 727-858-0059</p> <p>Chris Pierson Old Kings Road Landfill</p>	Available upon request.	Not Provided	Not Provided	<p>Robert Ernst Harford County (MD) Recycling Program Manager 410-838-5472</p> <p>Pamela Gratton Recycling Chief, Fairfax VA 703-324-5451</p> <p>Anita Mills Recycling Coordinator, City of Falls Church, VA 703-248-5080</p> <p>*Several more contacts are listed in the EOI.</p>	<p>Ontario County Landfill Geoffrey C. Astles 585-396-4400 20 Ontario St Canadaigua, NY 14424</p> <p>Chemung County Landfill Michael Krusen 607-737-2031 203 Lake Street Elmira, NY 14902</p> <p>Clinton County Landfill Michael E. Zurlo 518-565-4600 137 Margaret Street, Suite 208 Plattsburgh, NY 12901</p>

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	- Director of Solid Waste 904-813-0665 *Several more contacts are listed in the EOI.					FCR West Palm Beach Patrick Carroll 7501 N. Jog Road West Palm Beach, FL 33412
Indicate the Respondent's years of experience in providing the proposed service(s).	20-years of experience constructing and operating landfills. Partnership with Smurfit Stone Recycling, who operate 23 recycling plants in the U.S.	12-years of experience. Partners' experience exceeds 12 years.	20-years experience in the solid waste industry.	28-years of experience.	150-years of combined experience.	32-years of experience.
Overall Company Approach						
Specify the role the Respondent will serve (technology vendor, overall program manager, project guarantor, single source provider, etc).	Single Source Provider	Single Source Provider	Transfer, haul and dispose of waste as well as operate a MRF/Transfer Station.	Single Source Provider for Recyclables	DBO a single stream MRF.	Single Source Provider
Provide a description of the component(s) of the proposed plan(s) or product(s).	Expand and repermit County Landfill and Ash Monofill and construct and operate a new MRF.	Transfer MSW to barges at Port Everglades, ship to Haiti, construct an interim landfill in Haiti, construct a WTE facility in Haiti, and construct a tire processing pyrolysis facility in Haiti.	A MRF/Transfer Station	DBO a MRF	DBO a single stream MRF.	<ul style="list-style-type: none"> ▪ Several single stream MRFs. ▪ RecycleBank partnership to increase curbside volume and participation. ▪ 6-7 liquid fuels waste processing facilities. ▪ Secondary glass recycling facility to convert glass into furnace ready cullet or beach sand. ▪ Landfill gas to energy facility. ▪ Phase out current solid waste infrastructure that is not environmentally or economically feasible. ▪ Incorporate multiple facilities throughout the County to reduce truck miles. ▪ Incorporate education centers into facilities.
Specify the proposed management approach.	Repermit, expand and operate the County ash monofill and MSW landfill and DBO the MRF.	DBO	Not Provided	DBO a MRF.	DBO a single stream MRF.	Vertical integration of system.

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Provide a description of the pricing structure for the proposed service(s).	<ul style="list-style-type: none"> Landfill - \$11 - \$20/ton MRF - \$35-\$56/ton (including glass and excluding land costs) 	Up to 3,500 tpd at \$82/ton, varying based upon fuel charges.	\$75/ton with a 5 yr agreement, \$70/ton with a 10 yr agreement, \$65/ton with a 15 yr agreement, and \$60/ton with a 20 yr agreement.	Not Provided	Not Provided	Not Provided
Indicate the portion, component, or amount of District waste to be managed by the proposed system(s).	All District waste.	Up to 3,500 tpd of MSW, exclusive of hazardous waste or electronics, but including tires.	Recyclable portion only, 500-999 tpd.	MRF can be designed to meet District requirements.	At least twice the current volume, up to 120,000 tpy of recyclables.	All District waste.
List the names of the facilities currently owned and/or operated by the proposing company that may be incorporated into the proposed approach.	No other facilities.	Not Provided	Deerfield Beach, FL	Full service recycling facility in Hollywood, FL.	Not Provided	No other facilities.
List the names of new facilities envisioned to be developed or acquired in or out-of-County in order to assume the envisioned responsibilities.	New MRF.	<ul style="list-style-type: none"> Marine transfer station in Port Everglades. Future class "D" landfill in Haiti. Future WTE facility and tire processing pyrolysis facility in Haiti. 	Expansion of Deerfield Beach facility for full scale MRF and C&D recycling and vegetative debris processing.	New MRF in Hollywood.	New single stream MRF.	<ul style="list-style-type: none"> Several new single stream MRFs. 6-7 liquid fuels waste processing facilities with large scale pre-processing systems throughout County. Secondary glass MRF. LFGE facility.
Provide sketches, drawings, photos, etc. of existing installations or any other graphics that would convey the proposed concept provided.	Attached in EOI	Attached in EOI	Attached in EOI	Attached in EOI	Attached in EOI	Attached in EOI
Indicate how the Respondent will involve the public in the implementation of	The County Landfill will have a citizen drop off area for residential waste, bulk goods, and tires.	Not Provided	Not Provided	<ul style="list-style-type: none"> Plan to have heavy involvement from university students for alternative management and 	<ul style="list-style-type: none"> Canusha and Reflective Industries can make certain contributions to the appropriate organizations to promote recycling. 	<ul style="list-style-type: none"> Plans to develop education centers in conjunction with at least one MRF and one liquid fuels waste processing facility. Implement RecycleBank to encourage

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their proposed approach.				recyclables usage. <ul style="list-style-type: none"> Also, use the new MRF as a showcase for effective management. 	<ul style="list-style-type: none"> Schools and other organizations would have access to the processing facilities for tours. These tours, as well as presentations to the various organizations would help promote and educate residents about the benefits of recycling. 	residential curbside participation and increase the volume of recyclables placed at the curb.
Proposed Technology Description						
Provide a description of the proposed plan(s) or product(s) that would aid in the District's solid waste management efforts.	Expand and repermit County MSW Landfill and Ash Monofill and construct a state of the art MRF.	Several barges will be provided to transport the MSW overseas. Each barge can transport up to 800 tons of MSW.	C&D and vegetative debris recycling and full scale MRF.	New MRF.	A single stream MRF.	<ul style="list-style-type: none"> Several single stream MRFs. 6-7 liquid fuels waste processing facilities. Secondary glass recycling facility to convert glass into furnace ready cullet or beach sand. Landfill gas to energy facility.
Provide a description of the proposed technology(ies) process flows including all inputs, outputs, conversion methods, and related information.	<ul style="list-style-type: none"> ADS does not propose utilizing the current WTE facilities. Instead, they will operate and expand the County Landfill and Ash Monofill and enhance recycling by constructing a new MRF. 	<ul style="list-style-type: none"> MSW will be collected by an outside hauler. It will be transferred to barges at Port Everglades and transported overseas to Haiti. In Haiti a landfill will be developed until the WTE facility is completed. Once the WTE facility is completed, it will be used for all MSW. Tires will be converted into oil, kerosene, carbon black, and steel at the pyrolysis facility. C&D will be used for road base. Recycling will be done in Haiti. 	<ul style="list-style-type: none"> All recyclables would be processed and sold to respective markets. Currently operates a MRF/Trash Transfer Station for C&D and vegetative debris. 	Process all recyclables in single or dual stream as desired, as well as ferrous and non-ferrous materials, electronics, C&D and yard waste composting, if desired.	Advanced single stream MRF technology to separate recyclables and glass processing.	<ul style="list-style-type: none"> Automated high volume single stream MRFs would separate recoverable materials and prepare other waste to be converted to liquid fuels at the liquid fuels waste processing facilities. Liquid fuels waste processing facilities are more efficient than traditional WTE, less greenhouse gas production, marketable product, and some electricity. Secondary glass recycling facility will convert mixed broken glass into furnace ready cullet or beach sand for beach renourishment.

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Provide the throughput capacity that can be accommodated by the proposed technology(ies).	All District waste and recyclables.	3,500 tpd MSW, plus tires.	Not Provided	Not Provided	120,000 tpy	All District waste.
Provide examples of similar projects completed by the proposing company.	Smurfit-Stone operates 23 recycling plants throughout the US. Other landfill operations by ADS are noted above and more are in the EOI.	Not Provided	Current Deerfield Beach MRF/Transfer Station processes C&D and vegetative debris. A site layout is provided.	Current recycling facility in Hollywood, FL.	Canusa operates two facilities in the Baltimore-Washington corridor. Other references are above.	<ul style="list-style-type: none"> ▪ Subsidiary of Casella, FCR, operates over 20 MRFs. FCR operates Trilogy Glass, a large scale glass beneficiating facility that cleans and sorts mixed broken glass in Ontario, NY. ▪ Casella is involved with several landfill gas to energy facilities, including the Coventry/Waste USA Landfill in VT, 4.8 MWh, and Ontario County Landfill, NY, 5.5 MWh. ▪ At the North County Landfill in NH, Casella operates a leachate evaporation system. ▪ Several other landfill facilities under construction. ▪ Casella operates a WTE facility in Maine. ▪ Partner and 20.5% owner of RecycleBank, LLC since 2005. Have seen 300% increases in recycling rates by implementation of this program in communities similar to Broward County. ▪ Casella has 50% ownership with US GreenFiber LLC to manufacture, market and sell cellulose insulation made from recycled fiber in many states in the US.
Indicate the pre-processing requirements of the proposed technology(ies).	No pre-processing requirements.	No pre-processing requirements.	No pre-processing requirements.	Not Provided	No pre-processing requirements.	<ul style="list-style-type: none"> ▪ Pre-processing facilities would be co-located with Liquid Waste Processing Facilities. ▪ Single stream recycling facilities would generally be the pre-processing medium under Casella's plan.

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Indicate the site requirements for the proposed technology(ies).	The new MRF will need to be sited. Landfill expansions will need to be permitted.	4-5 acres at Port Everglades and significant space in Haiti, in which discussions and preliminary agreements are already underway for a site.	Currently own and operate a MRF/Trash Transfer Station that will be expanded to 5-acres.	Currently have a permit to construct a MRF, however it has not been constructed to date. A MRF would eventually be constructed.	Siting and construction of MRF.	Several MRFs and Liquid Waste Processing Facilities would need to be sited and constructed.
Indicate the total waste reduction by weight and volume of the proposed technology(ies)	It is estimated that 20%-25% of single family residential waste will be diverted from disposal, and 10%-20% of commercial waste will be diverted.	Relative to District, nearly 100%. Only hazardous waste and electronics will require disposal in the County.	60% initially, with goal of 85-90% over time.	Not Provided	Not Provided	Not Provided
Indicate the environmental impacts and required controls of the proposed technology(ies).	Environmental impacts would be similar to the current County Landfill and MRFs.	WTE facility will be constructed within the parameters of The Basil Convention. Barges will be burning fuel to transport waste.	Not Provided	Not Provided	Not Provided	<ul style="list-style-type: none"> Liquid Fuels Waste Processing Facilities generally produce 50-60% less ash than WTE and 90% less greenhouse emissions. Landfill gas to energy would be more environmentally friendly and efficient than flares.
Provide the applicable revenues projected from the sale of products.	0 to 50% revenue split from sale of recyclables, to be determined. The amount of electricity revenue split from LFGE to be determined.	Not Provided	Not Provided	Not Provided	Potential revenue to the District in the form of a rebate, possibly \$50.88/ton rebate to member communities. Based on current market values, approximately \$650,000/year.	Revenue sharing to be determined from the sale of recyclables, landfill gas and electricity, and liquid fuel.
Provide the approximate capital cost of the proposed technology(ies).	<ul style="list-style-type: none"> \$300,000 to \$400,000 per acre for MSW landfill. \$30,000 to \$50,000 per acre for C&D landfill. \$20,000 to \$30,000 per acre miscellaneous landfill costs. \$1.2 to \$1.8M per MW LFGE. MRF costs to be borne by ADS. 	Not Provided, but WTE facility will be financed by the World Bank.	No additional capital cost because facility already exists.	Not Provided	Exclusive of property and building, \$6M.	\$5-7M for each MRF, constructing 2-3 MRFs in the next 10-15 years. Financial details for other facilities/plans not provided.
Provide the approximate operating cost of the proposed technology(ies).	\$11-\$20 per ton at landfill. \$35 - \$56 per ton at MRF.	Not Provided	Not Provided	Not Provided	\$50-70 per ton.	Not Provided

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Indicate if the Respondent owns potential development sites within Broward County. If so, state the location and description of the site.	Not Provided	Not Provided	Deerfield Beach MRF/Transfer Station, with upcoming expansion.	Not clear if site is owned, but Best has been granted a permit to build a MRF in Hollywood, FL.	Respondent does not own any sites in the County.	Not Provided
Business Terms and Costs						
Indicate the proposed ownership arrangement.	Landfill: 100% owned by County. MRF: Ownership would be given to County with exclusive 20-year operating agreement.	Not Provided	ACE to own and operate facility.	Not Provided	Canusa and Reflective will DBO the facility. Full ownership details not provided.	Not Provided
Specify the minimum waste commitment that is economically viable.	1,000 tpd.	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided
Indicate if contracting for spot market waste is required for the proposed system to work.	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided
Provide the estimated capital costs for development of the facility being proposed.	Same as capital cost for the proposed technology (above).	Not Provided	Not Provided	Not Provided	Same as capital cost for the proposed technology (above).	Same as capital cost for the proposed technology (above).
Specify the estimated operating costs of the facility.	\$11-\$20 per ton at landfill. \$35-\$56 per ton at MRF.	Not Provided	\$75/ton with a 5 yr agreement, \$70/ton with a 10 yr agreement, \$65/ton with a 15 yr agreement, and \$60/ton with a 20 yr agreement.	Not Provided	\$50-70 per ton.	Not Provided
Specify the estimated maintenance costs of the facility.	The \$11-\$20 above includes maintenance.	Not Provided	Not Provided	Not Provided	Not Provided	Not Provided
Specify the required utility	Not Provided	Not Provided	Not Provided	Not Provided	This information cannot be determined yet.	Not Provided

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and consumable materials costs of the new facility.						
Indicate the projected revenues to be generated by the proposed facility.	<ul style="list-style-type: none"> Host fee for MRF location. Revenue to be determined from sale of landfill gas or electricity, and 0 to 50% revenue split from sale of recyclables. 	Not Provided	Not Provided	Not Provided	\$650,000 per year.	Not Provided
Indicate what conditions would allow the District to minimize its costs (flow control issues, waste commitments, spot market policies, etc.).	Flow control to maintain 1,000 tpd throughput.	Not Provided	Not Provided	Not Provided	Converting to single stream recycling collection.	Converting all ILA members to single stream recycling programs.
Specify any performance guarantees are necessary for the proposed facility (waste processing, energy generation, consumable usage, waste volume reduction levels, etc).	ADS will provide a performance bond in an amount equal to the annual value of the contract and 100% disposal capacity for all current volumes for 15-years using the current MSW landfill and repermitting the monofill to a C&D landfill.	Not Provided	Not Provided	Not Provided	<ul style="list-style-type: none"> Recyclables will be processed in a timely manner. Waste glass volume reduction will be achieved by state of the art processing equipment. Canusa and Reflective guarantee that all material will be properly recycled in approved end markets. 	Not Provided