

LIST 5

RFEI SUMMARY REQUIREMENTS	COMPARATIVE SUMMARY					
Company Name	Waste Recovery Seattle International LLC (WRSI) and Distributed Energy Systems Corporation (DESC)	Waste Services of Florida, Inc. and Sun Recycling, LLC.	Waste Services of Florida, Inc.			
Company Contact Information						
Contact Name	Marc McMenamin	Vahe' Gabriel	Vahe' Gabriel Regional General Manager			
Contact Address	Distributed Energy Systems Corporation 10 Technology Drive Wallingford, CT 06492	Waste Services of Florida, Inc. 3840 North West 37 th Court Miami, FL 33142	Waste Services of Florida, Inc. 3840 North West 37 th Court Miami, FL 33142			
Contact Telephone Number	Tel: 917-538-0808 Fax: 203-678-2284	Tel: 305-638-3800	Tel: 305-638-3800			
Contact E-mail Address	MMcMenamin@distributed-energy.com	vgabriel@wasteservicesinc.com	vgabriel@wasteservicesinc.com			
General Company Information						
EOI Overview	WTE Facility	Transfer, Haul, Dispose, Recycle	Transfer and Dispose			
The business structure (corporation, partnership, sole owner, joint venture, etc.) of the Respondent.	Joint Venture: WRSI and DESC are the two proposing firms; however other team members include Morgan Stanley, Kiewit Industrial Co. (KIC), Fisia Babcock Environment GmbH (FBE) and Elias Group LLP.	Joint Venture	Corporation			
Name of the Respondent's parent company.	WRSI and DESC do not have parent companies.	Waste Services, Inc. and Sun Recycling LLC.	Waste Services, Inc.			
The area of expertise of the Respondent.	WRSI and DESC have experience with Waste-to-Energy (WTE) systems.	<ul style="list-style-type: none"> ▪ WSFI's areas of expertise are collection, transfer, landfill disposal and recycling services. ▪ Sun's areas of expertise are processing and hauling C&D debris and recycling C&D debris. 	WSFI's areas of expertise are collection, transfer, landfill disposal and recycling services.			
Specify the financial resources presented by the Respondent in	Not Provided	<ul style="list-style-type: none"> ▪ WSFI currently has assets in excess of \$790 million and annual revenues of approximately \$500 million. 	WSFI currently has assets in excess of \$790 million and annual revenues of approximately \$500 million. WSFI did not			

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order to implement any or all component(s) of the proposed service(s).		<p>million. WSFI did not provide the FY that this information was reported.</p> <ul style="list-style-type: none"> Sun did not provide their financial resource information. 	<p>provide the FY that this information was reported.</p>			
Provide information related to professional ability of the Respondent in order to implement the proposed service(s).	<ul style="list-style-type: none"> WRSI indicated that they have an employee that has extensive experience with WTE facilities including planning, building, and operation management of a WTE facility in Germany. DESC did not state if they have WTE experience. 	<ul style="list-style-type: none"> WSFI's current senior executives have over 95-years of combined experience in the solid waste field. Currently, WSFI provides services to over 330,000 homes in Miami-Dade County. Sun's current management staff and principals have over 160-years of experience in the waste industry. Sun and its management team have pioneered the design and layout of C&D processing facilities over the past 20-years. 	<ul style="list-style-type: none"> WSFI's current senior executives have over 95-years of combined experience in the solid waste field. Currently, WSFI provides services to over 330,000 homes in Miami-Dade County. 			
Provide related experience of the Respondent in performing the proposed service(s).	Not Provided	<ul style="list-style-type: none"> WSFI provides hauling and disposal service for Osceola County, Sumter County, and Pasco County. Sun provides processing services to the City of Deerfield Beach, City of Boynton Beach, and the City of Lake Worth. 	<p>WSFI provides hauling and disposal service for Osceola County, Sumter County, and Pasco County.</p>			
List the proposing company's references (contact name, number, address).	Not Provided	Not Provided	Not Provided			

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Indicate the Respondent's years of experience in providing the proposed service(s).	Not Provided	<ul style="list-style-type: none"> WSFI has been operating in Florida since 2003. Sun has 20-years of experience. 	WSFI has been operating in Florida since 2003.			
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	Single Source Provider			
Provide a description of the component(s) of the proposed plan(s) or product(s).	WRSI and DESC propose to either construct a new WTE facility or refurbish the current WTE facilities in Broward County.	<ul style="list-style-type: none"> WSFI and Sun will modify two of Sun's current C&D processing facilities into Trash Transfer Stations to receive District waste. District waste will be transported to these Trash Transfer Stations by the District's current franchised haulers. From the Stations, the MSW will be transported to WSFI's J.E.D. Landfill in St. Cloud, FL. 	The solution that WSFI will propose depends on the needs of the District. WSFI states that they can provide anything from a disposal only option to a turn key solid waste transfer station and recycling system.			
Specify the proposed management approach.	<ul style="list-style-type: none"> DESC would be responsible for the overall project management of the project. WRSI would be responsible for public relations services. Morgan Stanley would 	Not Provided	Not Provided			

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	<p>be responsible for providing financial expertise.</p> <ul style="list-style-type: none"> ▪ Kiewit Industrial Co. (KIC) would be responsible for design and construction of the WTE facility. ▪ Fisia Babcock Environmental GmbH (FBE) would be responsible for design engineering services. ▪ Elias Group LLP: would provide commercial and legal advice to the project team. 					
Provide a description of the pricing structure for the proposed service(s).	<p>For a 20-year Agreement, WRSI and DESC provided the following pricing structure:</p> <ul style="list-style-type: none"> ▪ \$120/ton for 500-999 tons ▪ \$110/ton for 1000-1499 tons ▪ \$100/ton for 1500-1999 tons ▪ \$90/ton for 2000-2499 tons 	<p>The pricing structure for transfer, haul and disposal services for 500-2,499 tpd ranges from \$80-\$100/ton.</p>	<p>The pricing structure for disposal only, ranging from 500-2,500 tpd, is \$34-\$45/ton.</p>			
Indicate the portion, component, or amount of District waste to be managed by the proposed system(s).	<p>The capacity of the proposed WTE facility is 350,000 tpy.</p>	<p>Not Provided</p>	<p>Not Provided</p>			

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List the names of the facilities currently owned and/or operated by the proposing company that may be incorporated into the proposed approach.	Not Provided	<ul style="list-style-type: none"> For disposal, WSFI would utilize their J.E.D. Landfill in St. Cloud, FL. For transfer, Sun would use two of their current C&D processing facilities located in Dania Beach and Deerfield Beach, FL. 	WSFI would use their J.E.D. Landfill in St. Cloud, FL.			
List the names of new facilities envisioned to be developed or acquired in or out-of-County in order to assume the envisioned responsibilities.	WRSI and DESC would construct or refurbish a WTE facility.	<ul style="list-style-type: none"> Two of Sun's C&D processing facilities will be modified into Trash Transfer Stations. This will not require the construction of an entire new facility, however it will require some site modification as well as permit modification. 	WSFI stated that their solution depends on the needs of the District and can range from disposal only to a turn key solid waste transfer station and recycling system.			
Provide sketches, drawings, photos, etc. of existing installations or any other graphics that would convey the proposed concept provided.	Not Provided	Attached in EOI	Attached in EOI			
Indicate how the Respondent will involve the public in the implementation of their proposed approach.	WRSI will handle public relations services and be engaged in public outreach programs with the objective of explaining and advancing the technology selected for the project during the permitting and construction phases of the project.	Not Provided	Not Provided			
Proposed Technology Description						
Provide a	WRSI and DESC propose	<ul style="list-style-type: none"> Sun will modify two of 	<ul style="list-style-type: none"> WSFI did not explicitly 			

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description of the proposed plan(s) or product(s) that would aid in the District's solid waste management efforts.	to construct or refurbish a WTE facility based on the Muellverwertung Rugenberger Damm (MVR) WTE facility in Hamburg, Germany.	<p>their C&D processing facilities into Trash Transfer Station where District waste will be hauled by the District's franchised haulers.</p> <ul style="list-style-type: none"> The MSW will be loaded into 100 to 125 yard transfer trailers and will be transshipped to WSFI's J.E.D Landfill in St. Cloud, FL. 	<p>state what they will propose.</p> <ul style="list-style-type: none"> They stated that their solution depends on the needs of the District and can range from disposal only to a turn key solid waste transfer station and recycling system. 			
Provide a description of the proposed technology(ies) process flows including all inputs, outputs, conversion methods, and related information.	<p>The WTE facility would have two thermal processing lines with a waste throughput of 24 tons per hour.</p> <ul style="list-style-type: none"> Heat generated by the thermal lines would convert boiler feed water into steam which would turn the steam turbine and produce electrical power. Excess energy would be fed to the utility grid. 	Not Provided	Not Provided			
Provide the throughput capacity that can be accommodated by the proposed technology(ies).	Not Provided	Not Provided	Not Provided			

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Provide examples of similar projects completed by the proposing company.	<ul style="list-style-type: none"> WRSI's employee was responsible for planning, building and the overall operation of two WTE facilities in Germany. DESC did not state if they have completed a similar project. 	<ul style="list-style-type: none"> WSFI provides hauling and disposal service for Osceola County, Sumter County, and Pasco County. Sun provides processing service to the Solid Waste Authority, City of Deerfield Beach, City of Boynton Beach, and the City of Lake Worth. 	WSFI provides hauling and disposal service for Osceola County, Sumter County, and Pasco County.			
Indicate the pre-processing requirements of the proposed technology(ies).	<ul style="list-style-type: none"> Pre-processing requirements include mixing waste with grapples once the waste is hauled to the WTE facility. Any waste inappropriate for combustion would be removed. 	Not Provided	Not Provided			
Indicate the site requirements for the proposed technology(ies).	Not Provided	<ul style="list-style-type: none"> WSFI did not state any site requirements. Sun will require their C&D processing sites to be modified to trash transfer sites. 	Not Provided			
Indicate the total waste reduction by weight and volume of the proposed technology(ies)	Approximately 98% of the solid waste input is transferred into marketable end products.	Not Provided	Not Provided			
Indicate the environmental impacts and required controls of the proposed technology(ies).	The proposed WTE facility has some of the most sophisticated air and water emissions controls.	Not Provided	Not Provided			

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Provide the applicable revenues projected from the sale of products.	Not Provided	Not Provided	Not Provided			
Provide the approximate capital cost of the proposed technology(ies).	Not Provided	Not Provided	Not Provided			
Provide the approximate operating cost of the proposed technology(ies).	Not Provided	Not Provided	Not Provided			
Indicate if the Respondent owns potential development sites within Broward County. If so, state the location and description of the site.	Not Provided	<ul style="list-style-type: none"> ▪ WSFI did not state if they own potential development sites within Broward County. ▪ Sun owns or operates sites that are currently used as C&D processing facilities that will be modified to waste transfer stations. 	Not Provided			
Business Terms and Costs						
Indicate the proposed ownership arrangement.	One of many ownership options include design, construction, financing and operation or acquisition, refurbishment, and operation of the proposed facility.	WSFI and Sun would own the prospective facilities.	WSFI would work with the District in a public private partnership or as a private developer and vendor if the construction of a facility is needed by the District.			
Specify the minimum waste commitment that is economically viable.	Not Provided	Not Provided	Not Provided			
Indicate if contracting for spot market waste is required for	Not Provided	Not Provided	Not Provided			

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the proposed system to work.						
Provide the estimated capital costs for development of the facility being proposed.	Not Provided	Not Provided	Not Provided			
Specify the estimated operating costs of the facility.	Not Provided	Not Provided	Not Provided			
Specify the estimated maintenance costs of the facility.	Not Provided	Not Provided	Not Provided			
Specify the required utility and consumable materials costs of the new facility.	Not Provided	Not Provided	Not Provided			
Indicate the projected revenues to be generated by the proposed facility.	Not Provided	Not Provided	Not Provided			
Indicate what conditions would allow the District to minimize its costs (flow control issues, waste commitments, spot market policies, etc.).	Not Provided	Not Provided	Not Provided			

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Specify any performance guarantees are necessary for the proposed facility (waste processing, energy generation, consumable usage, waste volume reduction levels, etc).	Performance guarantees would be part of the proposal, but the guarantees were not explicitly stated.	Not Provided	Not Provided			

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