



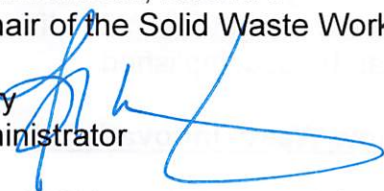
BERTHA W. HENRY, County Administrator

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MEMORANDUM

DATE: June 21, 2021

TO: Commissioner Beam Furr
County Commissioner, District 6
and Vice-Chair of the Solid Waste Working Group (SWWG)

FROM: Bertha Henry
County Administrator 

RE: Update on Solid Waste in Broward County

In preparation for your meeting with the Solid Waste Working Group (SWWG) on Wednesday, June 23, 2021, below is an update on items related to solid waste in Broward County:

1. Waste Generation Study

Subsequent to my meeting with a representative of Arcadis U.S., Inc. (Arcadis), I received an unsolicited proposal from HDR Engineering, Inc. (HDR) indicating their interest to conduct a solid waste generation study and to prepare a comprehensive solid waste master plan. A review of HDR's submittal, and the County's knowledge of their work, concluded that they would be qualified to conduct a solid waste generation study.

As it is in the County's, and the participating municipalities', best interest to consider both firms, the County intends to seek official proposals from both Arcadis and HDR. The proposals will include, but not be limited to, company qualifications, approach, recent performance and references for conducting waste generation studies, and cost. The County has drafted the attached Scope of Services for the project that will be forwarded to the SWWG's Technical Advisory Committee (TAC) for comment prior to sending to the firms for them to submit proposals. We will request Mary Lou Tighe, Executive Director of the Broward League of Cities to schedule a virtual meeting with County staff and the TAC so our staffs can finalize the scope of services.

As you are aware, to avoid delay in obtaining the study, at its June 15, 2021 Meeting (Item No. 124), the Board waived its Procurement Code and authorized the County Administrator to make the final determination on the vendor to perform the study and thereafter negotiate, approve, and execute an agreement with the selected vendor.

Once the County receives the vendor proposals, including cost, the County will act expeditiously in evaluating the proposals, negotiating with the firms, and executing an agreement with the selected firm.

As a reminder, any facility related studies (MRF, Waste-to-Energy, etc.) or master plan that require engineering consulting would be covered by the Consultant's Competitive Negotiation Act (CCNA) and would have to be competitively solicited.

Funds for the County's share to begin these studies, if the municipalities opt to proceed forward, will be placed in the budget for FY22. If funds for the County's share are needed prior to FY22, that can be accomplished.

2. Wheelabrator Technologies (now Waste Innovations)

The County has until January 2022 to exercise its second five-year renewal option, which requires a disposal commitment of a minimum of 500,000 tons of waste to Wheelabrator. The County expects this commitment to be exceeded.

There is a provision in the Global Agreement between the County and Wheelabrator which requires Wheelabrator to absorb the cost of delivering waste from the north transfer station to the Waste-to-Energy plant. This service at no cost expires with the 2023 renewal. Consequently, the new amendment will have to address these costs should this service continue. The County Attorney's Office has been asked to draft the amendment, which will be shared with those municipalities that are participating under the agreement and also those who have expressed an interest to do so.

After the second renewal (which expires in 2028), one renewal remains. The third and final renewal requires mutual consent between the County and Wheelabrator for continued disposal services.

The County is at the information gathering stage in its discussions with Wheelabrator. We will keep you posted as the discussions continue.

Should you have any questions or need further information, please do not hesitate to contact me or Assistant County Administrator.

ATTACHMENT: Draft Scope of Services for Waste Generation Study

cc: Monica Cepero, Deputy County Administrator
Kevin Kelleher, Assistant County Administrator
Trevor Fisher, Acting Director, Public Works Department
Notosha Austin, Assistant Director, Solid Waste and Recycling Services
Andrew Meyers, County Attorney
Nathaniel Klitsberg, Senior Assistant County Attorney
Matthew Haber, Assistant County Attorney

Solid Waste Generation and Composition Study Proposed Scope of Work

The Solid Waste Working Group and Broward County ("County") have expressed interest in working collaboratively to analyze the amount and composition of solid waste produced in Broward. To that end, County, on behalf of the collective group, is seeking a Consultant to prepare a Solid Waste Generation and Composition Study ("Study"), as detailed in the scope of work below.

Solid Waste Generation and Characterization Study

Task 1- Project Planning and Preparation

- Consultant shall develop a plan for the review, research, and analysis necessary to prepare a waste generation and composition study ("Plan"). Prior to starting work on any other Task, Consultant shall provide the Plan to County for approval, which shall be granted in County's sole discretion. The Plan shall highlight statistically valid sampling methods of the local waste stream from various generations points within Broward County and aim to represent the county at large including small and large municipalities, coastal communities, and municipalities not part of the original Resource Recovery System. The Plan shall include but not be limited to:
 - Overview of historical waste quantity data to be analyzed.
 - Description of sampling techniques and logistics.
 - List of waste and material types to be evaluated.
 - Methodology used to analyze waste generation and composition.
 - Methodology used to analyze recycling generation and composition.
 - Applicable Environmental Health and Safety plans.

Task 2 - Solid Waste Generation Study

- Consultant shall quantify by weight the aggregate amount of municipal solid waste and recyclables as defined by Florida Statutes, generated in Broward County. The information shall be gathered as detailed in the Plan and include waste intended for disposal, incineration, or recycling.

Task 3 - Solid Waste Materials by Generator Type

- Consultant shall quantify by weight the aggregate amount of municipal solid waste generated from multiple generation streams. The generation streams primarily consist of single family, multifamily, and commercial establishments. Consultant shall have a general understanding of the various definitions of what comprises single family, multifamily and commercial establishments within Broward municipalities and how their waste is collected.

Task 4 - Waste Composition Analysis

- Consultant shall provide a composition analysis of municipal solid waste and recyclables generated in Broward County. The analysis shall characterize materials by type (i.e., food waste, recovered materials, yard waste, construction and demolition debris, etc.) and include composition percentages.

Solid Waste Generation and Composition Study Proposed Scope of Work

- Consultant shall include the aggregate amount of recovered materials from multiple generation streams consisting of single family, multifamily, and commercial establishments. The analysis shall further characterize recovered materials by types and include composition percentages.

Task 5 - Recycling Composition Analysis

- Consultant shall quantify the aggregate amount of source-separated recyclable materials delivered to a recovered material facility from multiple generation streams consisting of single family, multifamily, and commercial establishments. The analysis shall characterize materials by types and include composition percentages.

Schedule Considerations

Establish timeline for performing analysis, technical memorandums, presentations, and other deliverables.

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