

**ADDENDUM
#1**

From: Lori Colon, Purchasing Agent
To: All Bidders
Date: February 10, 2015
Project: C&D Recycling Equipment

This addendum is issued in response to questions received, regarding the Request for Bids for the County's "C&D Recycling Equipment", so therefore is hereby made a part of said Request for Bids to the same extent as though it were originally therein.

Please confirm the following questions for the C&D Recycling Equipment project.

1. **Could you please send the Material Composition of the C&D?** Based on a C&D waste composition study completed in July 2014, the material composition is as follows. Percentages are based on weight, not volume:
 - OCC, 11.0%
 - Mixed Paper, 2.2%
 - Plastics, 1.6%
 - Metals, 0.1%
 - Organics, 5.0%
 - Dimensional Lumber, 10.4%
 - Engineered Wood, 10.7%
 - Wood Pallets, 3.9%
 - Painted/Treated Wood, 3.4%
 - Concrete, 2.3%
 - Aggregates, 1.6%
 - Brick, 10.9%
 - Gypsum Wallboard, 23.2%
 - Composition Shingles, 5.8%
 - Other roofing, 0.4%
 - Ceramics/Porcelain, 0.1%
 - Household Hazardous Waste, 0.2%
 - Carpet/Carpet Padding, 2.4%
 - Other Textiles, 3.0%

- Miscellaneous, 1.8%
2. **RFB 3.1.6 and 3.2.3 request that if a 3 phase power system is proposed, then please quote the 3 phase power installation. We would request the following info:**
- A. Location of the nearest 3 phase power.** The main electrical power line is located along the main access road bisecting the facility. The proposed location for the processing area is being finalized by an engineering firm. Based on the footprint available for development, the “worst-case” distance would be 700 feet from the source. Landfill staff will be happy to assist the successful bidder in coordinating with Duke Energy Progress prior to and during the installation.
 - B. Would the County request that additional load be added to the recycling system load for the future systems and growth for this location?** Yes.
 - C. If ‘B’ is yes, how much additional load would the County request?** In addition to possible future expansion of processing capability with a “B” and a “C” line, we would anticipate adding lighting and an air compressor to the site in the near term. We would like to have the ability to install outlets to power items such as small fans at the picking stations. If required by the State in the permitting process, we may need to install a sump pump to manage any rainwater runoff that we may have to treat as leachate. We do not expect to be installing support equipment such as balers, compactors, or pre-shredders to the site.
 - D. Could you supply a list of county approved electrical contractors?** This project does not require selection of an electrical contractor from a list of approved contractors. It is only necessary that the conditions for subcontractors be met as referenced in the draft contract included in the RFB.
 - E. Will the system be required to be designed for Hurricane winds?** Yes. Current New Hanover County building codes require a wind load rating of 120 mph in the portion of the county where the equipment will be located.
 - F. Does this location fall under a seismic zone?** The New Hanover County landfill is located within a minor seismic zone (Zone 1) and is not located near any fault areas.
3. **Is it possible to set up a site visit?** Yes, this is encouraged and is available by appointment. Please contact Sam Hawes, Landfill Manager, at (910) 798-4454 or via email to shawes@nhcgov.com to schedule a date and time for your site visit.

END OF ADDENDUM