

**ADDENDUM
#2**

From: Lori Colon, Purchasing Agent
To: All Bidders
Date: February 20, 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.

Q: Can the bidder propose used equipment that meets the specifications in the RFB?

A: Bidders may submit proposals for used equipment, or equipment that does not meet the exact specification of the RFB, by submitting a separate alternate bid. Bidders also have the opportunity to provide pricing for optional equipment as part of their base proposal.

Q: What is the minimum required throughput tonnage?

A: The system should be designed for a minimum throughput of 100-150 cubic yards per hour. Based on conversion factor of 500 pounds per cubic yard, the system throughput is estimated at 25 to 37.5 tons per hour.

Q: Will the C&D be loaded by an excavator or a front-end loader?

A: The site possesses both types of equipment; the preference is to load the material into the system with a front-end loader.

Q: Do you want the hopper to be above ground or below ground?

A: An above-ground hopper is required.

Q: Will the winning bidder be able to coordinate efforts with the concrete work?

A: SCS Engineers is tasked with facility permitting, design, and engineering. SCS will work closely with the winning bidder in each phase of the project.

Q: Will the system have guide bars for the roll-off boxes?

A: If required or recommended by the winning bidder as part of the system design, this element can be coordinated with SCS Engineers.

Q: Are you expecting to sort out aluminum where eddy current may be necessary?

A: An eddy-current separator is not a required component of the system, and we do not expect to install this type of system in the future. Non-ferrous metals will be hand-sorted at the picking station(s).

Q: To what detail do you want the training and for how long?

A: Based on how complex the system is, we would expect to receive in-depth training in each area identified in Section 3.3.2 of the RFB. The bidder shall provide a cost per day for training, inclusive of all expenses incurred. The bids must indicate the number of days recommended to achieve competency in each of the areas outlined in Section 3.3.2.

Q: What is the minimum clearance required under the platform?

A: The minimum required clearance under the platform shall be 11'0" (eleven feet, zero inches).

Q: Where will the material passing through the screen go, and what will be done with the material?

A: The material coming off of the screen will be transported by a takeoff conveyor to a stockpile/bunker storage area. Inert C&D material under four inches in size is approved for use as a daily cover, and will be used by the landfill for that purpose.

Q: Is the ferrous magnet intended to be mounted on the A line or pulling off of the material coming from the fines screen?

A: The magnet shall be designed to remove ferrous metals from the fines coming off of the screen. Larger pieces of metal will be removed at the picking stations.

Q: Will the county be expecting the successful bidder provide "push walls" where needed?

A: No. The county will incorporate push walls, storage bunkers, etc. into the site design and layout and has separately budgeted for this expense.

Q: Please provide a copy of any and all engineering studies that have been performed in connection to the project if they are available.

A: Engineering studies are currently underway but are not yet available. These studies will be submitted as part of the permitting process to the State.

Q: What is the budgeted amount for this project in dollars?

A: The portion of the budget allocated for equipment purchase, installation (including electrical work), and training is \$1,001,000.

Q: Section 3.1.2 Sorting platform canopy? Should it be part "attached" of the sort system or a free standing building?

A: The canopy was intended to be attached to the sort system, with the intent of providing sorters with shade and protection from rain. A free-standing structure is acceptable if system design prohibits an attached structure.

Q: Do we have a preferred hopper height for the C&D waste to be loaded into at the front end of the system?

A: The hopper top sill height should be a minimum of 48 inches and a maximum of 90 inches above ground level.

Q: What is the anticipated tons/hour throughput for the system?

A: Based on available tonnage, we anticipate processing up to 30 tons per hour through the system.

Q: Are we loading into a hopper/conveyor to a screen or straight onto a screen?

A: We will be loading into a hopper that feeds the screen system.

Q: Please clarify the contractor requirements for power? The addendum response is still vague?

A: The County will coordinate with Duke Energy Progress (DEP) to bring 3 phase power to the contractor's control panel location as the contractor indicates. The contractor will be responsible for all permits, electrical work, and connections to the equipment. The contractor shall supply and install bracketing for the control panel suitable for DEP to mount a meter base. The backing for the panel should be fabricated from aluminum channel or equal. The contractor-supplied control panel shall be fabricated with stainless steel with a NEMA 4 rating.

END OF ADDENDUM