



WILL COUNTY, ILLINOIS

PURCHASING DEPARTMENT

JENNIFER BERTINO-TARRANT
WILL COUNTY EXECUTIVE

KEVIN LYNN
DIRECTOR

P. 815-740-4712
F. 815-740-4604
E. klynn@willcountyillinois.com

County Office Building
302 N. Chicago Street
Joliet, IL 60432

2023-77 Waste Characterization Study

Will County Land Use

Addendum #1, 4-14-23

We received the following questions regarding this solicitation:

Question #1: The scope of services specifies that a total of 12 loads (3 each of residential commercial, self-haul and transfer) must be sampled. How many samples should be taken from each load?

Answer #1: Will County has a population of 696,757 people with 252,679 housing units and 15,832 businesses. A residential truck rear loading truck serves 800 to 1,000 homes while side-loading trucks may service up to 1,500 homes and have a load of 30,000 pounds. Most residential trucks dump at transfer stations. A transfer trailer load is usually 40,000 lbs. Since commercial loads also dump at transfer stations, the transfer trailer may have a combination of residential and commercial waste. Please see the answer to the next question for a more specific answer.

Question #2: Please define what you mean by “statistically valid.”

Answer #2: As an engineering firm, we will rely on you to determine and show in your response the number of samples to be a statistically valid reflection of the various types of waste. In your response, please show your calculations:

- A. Total Number of Units (Residential, Commercial)
- B. Designate your margin of error goal (3% is typical)
- C. Share your expected confidence level (95% is typical)
- D. Tell us your expected variance (a deviation of .5 is typical)
- E. Share with us the sample size you need to reach the above (rough calculation would be approximately 1,000 samples from transfer trailers and less for collection trucks and a smaller amount for self-haul)

Of course, we may choose to reduce accuracy depending upon cost. It is in your best interest to share as much information on your approach as possible.



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Question #3: If you don't have clearly defined answers to questions 1 and 2, please provide your available budget for this work so the proposers can fit an optimized sampling plan to your budget. (Alternatively, we would be willing to help the County develop a clear technical specification for under \$5,000, so that you can reissue the RFP and get technically sound, apples-to-apples proposals from qualified consultants.)

Answer #3: The County is not willing to share the budget at this time and we have been assured by multiples sources that our specifications are perfectly adequate. Should we review responses and need additional information for an apple-to-apple comparison, we have the ability to ask for additional information before making our recommendation.

Question #4: Please provide a table showing the annual tonnage of residential, commercial, self-haul and transfer trailer wastes received at the landfill.

Answer #4: Prairie View Landfill serves more than Will County so the total received is not indicative of the total residential and commercial generation. In 2022 the landfill received 854.5 thousand tons and most came in from transfer trailers.

Question #5: Please note that there are many large waste characterization projects already being serviced in the market in Q2 and Q3 2023. If the field work must be completed by June 21, it will preclude our firm from proposing because we would not have availability of staff due to ongoing work. We respectfully request the end date for field work be extended to October 30.

Answer #5: There will be no extension to the required timeline listed in the original solicitation.