



ADDENDUM # 1

From: Lena Butler, Purchasing Supervisor
To: All Consultants
Project: RFP-Hazardous Commodity Flow Study
Date: November 3, 2020

This addendum is related to the County’s Request for Proposals “RFP-Hazardous Commodity Flow Study” and is hereby made a part of said Request for Proposals to the same extent as though it were originally therein.

Changes to the Scope of Work

1. Review previous CFS resources and update information.
 - a. This study will involve, but not be limited to, all major highway, rail, ports and pipeline. This includes, but not limited to US 74/76, Interstate 40, Interstate I140, US 17 and other highways as determined appropriate. Rail evaluation will include rail yards and spurs where hazardous materials may be staged or stored outside of a control area at fixed facilities as determined appropriate. All transmission pipelines in and crossing the County will be included. Information on vessels traveling the navigable Cape Fear River through New Hanover County will be reviewed, as will air carriers moving hazardous materials at the Wilmington International Airport (ILM).
 - b. ~~Three~~ **Two** primary methodologies to be used in the conduct of this study are as follows:
 - i. Visual Observation: This involved deploying observers at designated locations at specified times to collect data on hazardous materials passing through that location. Using specifically designed data collection forms, they will record the information which will later be entered into an electronic database to be maintained by the County at the conclusion of the study for detailed analysis.
 - ii. Analysis of the most current North Carolina Department of Transportation Annual Average Daily traffic (AADT) report. Providing the total annual traffic estimate divided by the number of days in the year, this booklet includes information such as the estimates of the percentage of the AADT made up by six different vehicle types ranging from passenger vehicles to double trailer trucks. This booklet also contains information on the Annual Average Weekday Traffic

(AAWDT) and Peak Hour/Peak Direction factors used by planners to formulate design criteria. This data will assist in determining the total traffic column as compared to the amount of hazardous materials traffic. This analysis can also include coordination and information sharing with the County's Traffic Engineering section in Department of Public Works.

Delete

~~iii. Assessment of driver knowledge: Assisted by the North Carolina Highway Patrol and the North Carolina Department of Transportation, an assessment of driver knowledge, vehicle safety, hazardous materials regulatory compliance, and knowledge of shipping documents will be conducted. This involves interviewing drivers for specific knowledge points they are required to possess, inspection of vehicles with law enforcement partners that are carrying hazardous materials, and a review of the shipping papers. This information will be used to assist in the development of inspection awareness training and resources for drivers and will be entered into a database that will be maintained by the County at the conclusion of the study.~~

b. Selection of locations and facilities: New Hanover County Emergency Management, fire, law enforcement, personnel from Traffic Engineering, personnel from the ILM Airport, and personnel from the North Carolina State Ports will be requested to assist in selection of the most critical transportation routes. Additionally, contact with CSX and the pipeline operators in the area will be included to provide information on their infrastructure. This will include roadways, railways, pipeline locations, maritime routes, and airline transportation needs. The Successful Offer shall have contacts in place with the rail and pipeline operators to facilitate and expedite this process for this particular infrastructure. The current Tier 2 reports will be reviewed and evaluated to assist in selection of fixed facilities that may need to be included in the study. A subcommittee, within the LEPC, can assist with the Tier II reviews.

c. Provide a status update to the New Hanover County Emergency Planning Committee (LEPC) at the ~~no later than the~~ regularly scheduled ~~November 18, 2020~~ **January 13, 2020** meeting. Final Study: Once all data has been collected, a final report will be published. The report will include but not necessarily limited to, information relative to each transportation route and facility as provided. Including text, graphs, and charts, and overall picture of the findings will be presented. The final report will be in both electronic and paper formats, and a formal presentation of the findings will be made to the Local Emergency Planning Committee (LEPC) and the local hazardous materials response team at the regularly scheduled March 2021 LEPC meeting. (Deadline for project completion is February 28, 2021).

ADD

d. If the proposer, has an alternate method of collecting and reporting the requested data, other than the traditional "clicker method" (counting trucks), and at the completion, the end result meets the requirements specified in this "request for proposal," please submit your alternate proposal for consideration.