



Invitation for Bid (IFB)

Consultant Services to Provide Transportation Analytics for the Naugatuck Valley Planning Region Naugatuck Valley Council of Governments

Scope:

The Naugatuck Valley Council of Governments (NVCOG) is seeking the services of a transportation analytics provider to determine travel patterns and origins and destinations to, from and through the Naugatuck Valley planning region to permit the NVCOG to develop trip reports, trip matrices and determine how trips travel through the region. It is also necessary to determine external trips and pass through trips. It is also required that the platform permit the determination of travel time and speed for specific arterials located in the region.

The travel/trip data shall be based on integration of spatial data points from cell phones, connected vehicles, fleet management systems, smart phone applications and other sources. The process shall provide relative volume and average trip times when traveling between specific origin and destination zones and pass through zones located between zones. The platform shall allow data to be compiled into trip matrices based on Traffic Analysis Zones (TAZs) defined by the NVCOG. The platform shall also permit flexible analysis of travel patterns for defined study areas or user defined zones.

The NVCOG shall be provided unlimited access to the platform for a 12-month period commencing with receipt of the credentials necessary to access the platform.

The Naugatuck Valley planning region is located in Central-Western Connecticut and centered on the City of Waterbury. It encompasses 19 municipalities covering approximately 422 square miles with a population of about 447,390 people. The NVCOG is also partnering with the Connecticut Metropolitan Council of Governments located in the City of Bridgeport. The combined area includes 25 municipalities with a total population of about 771,678 and area of 550 square miles.

The State of Connecticut Department of Transportation has defined Traffic Analysis Zones. There are a total of 411 TAZs in the combined 25-town region; 235 TAZs in the Naugatuck Valley planning region and 176 TAZs in MetroCOG planning region. In addition, it will necessary to define various external zones, representing origin and destination points beyond the region. These external zones will be based on a consolidation of state-defined TAZs. At a minimum, the external zones will be defined for the following areas and other major cities and metropolitan areas:

- City of New Haven and the New Haven metropolitan area
- City of Hartford and the Hartford metropolitan area
- City of Danbury and the Danbury metropolitan area
- City of Stamford and the Stamford metropolitan area
- City of Norwalk and the Norwalk metropolitan area
- Northwest Connecticut
- Northeast Connecticut
- Southwest Connecticut
- Southeast Connecticut
- North-Central Connecticut
- South-Central Connecticut
- New York City metropolitan area

The above parameters represent the maximum geography and analysis area. Depending on pricing, it may be necessary to reduce the number of TAZs or consolidate zones.

Information & Inquiries:

Updates and amendments to this IFB can be found at <http://nvcogct.org/content/vendors> or can be obtained by contacting the NVCOG directly. Interested vendors are responsible for monitoring updates and amendments.

All inquiries regarding this IFB must be submitted in writing via email to Mark Nielsen, Director of Planning at mnielsen@nvcogct.org.

Questions will be responded to up to seven days before the IFB response deadline. All questions and their responses will be posted at <http://nvcogct.org/content/vendors>. No contact with any other NVCOG staff is allowed until such time as an award has been made.

Submission Requirements:

By submitting a proposal in response to this IFB, the prospective bidder represents that they have read, examined and understand the anticipated work as described in the Scope and is capable of providing the products to achieve the objectives of this planned project.

Vendors are asked to submit responses in two parts:

- Technical Response describing the specific data elements to be provided, the method for providing access to the data platform and duration of access. The Technical Response must also include the name, address, phone number and email address of the primary contact person.

- Sealed bid to provide the data, as detailed above. As described above, it may be necessary to adjust the number or definition of the TAZs. Include that possibility in your pricing and bid.

All submissions shall be clearly marked "*Transportation Analytics for the Naugatuck Valley Council of Governments*", and shall be delivered to:

Mark Nielsen, Director of Planning
Naugatuck Valley Council of Governments
49 Leavenworth Street, 3rd Floor
Waterbury, CT 06702

The proposal must be received no later than 4:00 pm on Friday, May 10, 2019. Proposals received after the date and time prescribed shall not be considered.

Selection Process:

The NVCOG will review and evaluate the bids for compliance with bid specifications, verification of pricing and funding availability, and select the lowest responsive/responsible qualified bidder. If the lowest bidder would not be able to perform all the duties requested for the bid amount, the NVCOG may select the next lowest bidder. If the NVCOG rejects lower bids than the bid being accepted for award, NVCOG must provide a detailed written Determination of Findings outlining the reasons for rejection.

The NVCOG reserves the right to withdraw this Invitation for Bids, if there is a sound documented business reason.