



**New Jersey Department of Transportation
Bureau of Research
RESEARCH PROJECT
Request for Proposal
2018-2019 Program**

Project Title: Understanding the Transportation Mobility Needs for an Aging New Jersey Population
Posting No.: 2018-09
Date of RFP Announcement: 11/21/2018
Closing Date: 1/4/2019

Proposals must be prepared in accordance with NJDOT's *Supplemental and Proposals guidelines*. Please visit <https://www.state.nj.us/transportation/refdata/research/guidelines.shtm> for the most current version.

1 - RESEARCH PROBLEM STATEMENT AND OBJECTIVES

1.1 Problem Statement

NJDOT is seeking research that will help us:

- Identify current and future areas of the state with high concentrations of aging population and the current transportation resources available to those populations as identified in locally and regionally developed Human Services plans,
- Understand the current and future transportation mobility needs of the aging population,
- Compare the local and regional plans with the current and future transportation mobility needs of the aging population and identify gaps
- Identify senior mobility best practices from other transportation providers,
- Make recommendations for potential transportation mobility enhancements including regional services to create seamless borders, and
- Identify potential public and private funding sources.

1.2 Research Objectives

At minimum, the proposed research shall include Phase 1: Generating the following maps, with transit layer, to identify and examine population concentrations of older adults in New Jersey, with numbers of residents depicted by each age cohort (55-64, 65-74, 75-84, 85-94, 95+):

- Adult (55+) communities in New Jersey, including current and planned (next 5-10 years) communities;
- Entire state depicting the current 55+ populations by zip code; and
- Entire state depicting the 20-year projected 55+ population by zip code.

Phase 2: At a minimum, the proposed research shall develop a deeper understanding of senior transportation mobility needs, both existing and projected, by:

- Generating a report verifying the types and providers of transportation services available to the residents of the existing adult (55+) communities and any potential planned communities; and



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- Conducting an origin/designation survey of trips a typical 55+ person makes and generate report with analysis of results. The survey would include mode of transportation used, trip purpose, trip frequency, time of day of travel, mobility challenges, demographics and other questions that would gain a comprehensive insight into the transportation demand and types of services needed.

Phase 3: At a minimum, identify potential public and private funding sources and innovative service models best suited for New Jersey adaptation, for potential pilot implementation for transportation mobility service for aging New Jersey population with evaluation, based on Phase I and II findings by:

- Generating a report on potential public and private funding sources for a regional New Jersey pilot program that has seamless borders and, if successful, full implementation.
- Generating a best practices report on the most promising regions in New Jersey for a pilot program, the recommended regional service model type, and funding source most applicable to a potential pilot program.

Note: Phase 2 may begin after NJDOT Bureau of Research approval of Phase 1 deliverables. Similarly, Phase 3 may begin after NJDOT Bureau of Research approval of Phase 2 deliverables.

1-3. Type of Contract.

It is proposed that if the Issuing Office enters into a contract because of this Request for Proposal (RFP), it will be a **Cost Reimbursement, Deliverable-Based** contract containing the Standard Contract Terms and Conditions.

2 - BUDGET and CONTRACT TIME

The **TOTAL** project budget shall not exceed **\$250,000 US Dollars**. The PI must provide the anticipated research study duration based on the proposed tasks. Consideration should be given to potential impediments so that adjustments are incorporated into the schedule minimizing the need for time extensions. Contract time shall include sufficient time for the procurement of subcontractors, as well as no less than three months for Final Report review and acceptance. Please be advised that going forward, new task orders having permissible justification will be allowed no more than one time extension with the advent of 2 CFR 200.

A 18 - 24 month total project duration is preferred.

Please provide a Gantt chart schedule with deliverables delineated.

3 - Oral Presentations. Oral presentations may be requested as part of this RFP. If required, you will be notified by the Bureau of Research to schedule your oral presentation. They will be held at NJDOT headquarters in Trenton, NJ, attended by the Technical Advisory Panel (TAP), and be limited to no more than an hour, including time for questions and answers.



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4 – DEADLINE

Proposals (10 single-bound copies) are due at the NJDOT Bureau of Research no later than **4:00 p.m. on January 4, 2019.**

Approximate Start Date: 3/4/2019. The official start date is the date that the Bureau of Research obtains a signature from the Assistant Commissioner.

5 – CONTACTS

Interested parties shall send all questions related to this RFP to the Bureau Manager by sending an e-mail to Research.Bureau@dot.nj.gov or by phone (609-530-5966). Questions on this topic **shall not** be directed to any Research Project Manager, Research Customer, or any other NJDOT person. All questions must be received **on or before December 3, 2018 in order to be answered.**

A pre-proposal meeting may be scheduled with interested parties upon the request of *more than one* Institution of Higher Education. **This must be requested on or before December 3, 2018.**

PROPOSAL DELIVERY INSTRUCTIONS:

For private, paid messenger services such as Federal Express, DHL, UPS, etc., or for hand-carried deliveries:

RFP No. **2018-09** PROPOSAL-NJDOT
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