

PID No. 121051 State Job No. *****
Scope of Services Meeting Time: 10:00am Date: 10/22/24
Location: ODOT Room 2A or Teams
Approved Final Scope of Services Minutes Date:

Design Traffic Task Order

Scope of Services

The Department's Office of Statewide Planning and Research certifies traffic forecasts for roadway design for 30-40 projects a year, while the Department's District offices and non-Department users produce forecasts for another 1500 projects using the Simplified Highway Forecasting Tool (SHIFT), which is a fully automated process implemented in MS2 software where it is called TFMS. Forecasts for these projects typically include design hourly traffic (30th highest hourly volume) and AADT, including K, D and TD factors for use in project planning and design at the turning movement level and can include multiple alternatives in a corridor or study area. The turn-around time for these projects is 30 days.

The Department seeks one firm to assist in the preparation of Design Traffic for projects on a Task Order basis. It is expected that the consultants will adhere to the Ohio Certified Traffic Manual and NCHRP Reports 255 and 765. Additionally, ODOT requires that consultants utilize ODOT standard tools and electronic formats including but not limited to Excel spreadsheets, Bentley Cube software, Bentley MicroStation drawing files, Adobe Acrobat, etc. If the consultant is familiar with Ohio's various Travel Demand Models (TDMs), the consultant may also be requested to complete model runs in support of tasked certified design or planning-level traffic projects. Additionally, the Simulation Demand Estimator (SDE) tool has been released and it is expected that the winning team will understand its use. (See references in the OATS manual.) Knowledge of the use of ODOT tools in developing forecasts for Hard-Shoulder Running projects is required.

It is expected that the consultant will generally have approximately 2 weeks to complete design traffic assignments, so the ability to turn around projects quickly is imperative. The Department will review projects after receipt and certify them as acceptable for use in project design. The consultant may additionally be required to complete certain projects on site to access and utilize historical records or for close consultation with ODOT staff.

Detailed knowledge of the Ohio Statewide Model, Ohio Medium/Small (OMS) travel models, and/or Cincinnati/Cleveland/Columbus (3C) travel models and the ability to interact with Department staff at ODOT offices will be considered a plus.

All work shall be performed on an actual cost basis. The consultant shall maintain a project cost accounting system that will segregate costs for individual task orders.