

**Environmental Division
2021 On-Call Contracts**

Air Quality & Noise Services

DT-0330 Part II Additional Requirements

A.

1. Ensure that all information provided on the DT-0330 Part 2 relates to the TDOT-specific proposed team for this contract ONLY. In Section E, only include Section E resumes for staff who will provide services under this contract and ensure that each resume includes a brief description of work history and in item 18 note any training classes attended related to Noise and Air Quality and the date attended.
2. For each staff member for whom a resume is provided in Section E of the DT-0330 Part 2, indicate the estimated availability for work on TDOT projects by providing a percentage of time the staff person can dedicate to TDOT projects.

B.

1. Ensure that examples provided in Section F of the DT-0330 Part 2 are only for projects for which your firm provided Air Quality and/or Noise related services for linear transportation projects (as would fit within the scope of services described in the Advertisement for this on-call contract).
2. Please complete the table on the following page for the project team that will deliver services under this contract for their work in the last three years. Add pages as necessary.

C.

1. Address the following scenarios:
You have been provided functional layouts for two assignments to initiate preliminary noise technical studies. Given the level of provided information in each assignment, describe reasonable assumptions you make for modeling the study area in TNM and completing a preliminary noise technical report.

Assignment A:

Assignment A involves the widening on an existing alignment to add capacity to the facility. Traffic study data is available, however preliminary design plans will not be available for some time. The design files associated with the functional layouts contain only basic alignment information. Additionally, survey data is not available.

A preliminary detailed noise study utilizing FHWA's TNM is needed before preliminary plans and survey data become available. What reasonable assumptions can be made to complete the detailed noise study assignment?

Assignment B:

Assignment B involves a proposed roadway on a new alignment; however, a detailed noise study must be initiated on a functional layout and a recent traffic study. The preliminary design plans will not be available for some time. The design files associated with the functional layouts contain only basic alignment information. Additionally, survey data is not available.

A preliminary detailed noise study utilizing FHWA's TNM is needed before preliminary plans and survey data become available. What reasonable assumptions can be made to complete the detailed noise study assignment?

Table for Completing B.2. above.

Item Number	Item	Name		Name		Name		Name	
		Total	For TDOT	Total	For TDOT	Total	For TDOT	Total	For TDOT
1	Number of years of experience conducting air studies								
2	Number of years of experience conducting transportation BV noise studies								
3	Number of NEPA PM 2.5 Qualitative Analyses Conducted								
4	Number of NEPA MSAT Analyses Conducted (Qualitative analysis for projects with low potential MSAT effects)								
5	Number of Type I Noise Studies in which the person participated in data collection and/or analysis								
6	Number of Type I Noise Studies in which the person participated in TNM 2.5 modeling								
7	Number of Type I Noise Studies in which the person was the senior person responsible for final TNM analysis.								
8	Number of Type I Noise Studies in which the person participated in barrier design using TNM 2.5.								
9	Number of Type I Noise Studies in which the person was the senior person responsible for using TNM 2.5. barrier design								