

**Environmental Division
2021 On-Call Contracts**

Ecology Services

DT-0330 Part II Additional Requirements

Please respond to the items in the order listed below.

1. Clarification on Responses to Section E

Ensure that all resumes provided in Section E of the DT-0330 Part 2 are limited to three (3) pages per resume and are ONLY provided for staff members that actively work (field and office) on projects for upcoming work. Persons who have not conducted ecology projects in the past five (5) years should not be included.

Ensure that resumes provided include a minimum of three (3) full-time degreed biologists with a minimum of two (2) years of experience in biological studies for linear construction projects in the southeast. Biologist degrees should be pertinent to work associated with linear construction projects (e.g., ecology, biology, fisheries, wildlife, botany, zoology, environmental science with a biology focus; **not** microbiology, genetics, physiology, etc.).

Clearly state whether the employee works for your firm full-time. Subconsultants or subcontractors will not be considered during the rating of proposals; however, subs can be hired by the contracted companies for specialized work.

In item 13 of Section E, also note the percentage of time the employee can dedicate to work under this contract serving in the specified role(s).

In item 18 of Section E, include any specialized areas of expertise, including, but not limited to, Tennessee collecting permits (including active permit numbers), U.S. Fish and Wildlife Service collecting permits (including active permit numbers), diver certification, and expertise in benthic invertebrates, fish, mussels, bats, crayfish, caves, geology, botany (with emphasis on field botany and identifications).

2. Clarification on Responses to Section F

In Section F of the DT-0330 Part 2, provide only ten (10) example projects as further described below. Limit one (1) page for each example project. For each example project, ensure the information provided includes the county, project type (include route number if a transportation project), termini, state and federal permit numbers if available, and type of study (e.g., Hamilton County, SR 317, from SR 321 to East Brainerd Road, Environmental Boundaries; Blount County, SR 9, bridge over Clinch River in Clinton, bat study).

- **Ecological Projects** – five of the 10 example projects must be for ecological projects that your firm has completed for TDOT or for other clients for linear projects in the southeast in the last 2 years. **Within the brief description section, detail your firm's**

involvement and note how your firm was able to maintain the project schedule. Include the start and end dates for field work and for development of the final report.

- **Stream Quantification Tool (TNSQT)** – five of the 10 example projects must be for representative/relevant TNSQT assessments that your firm has completed in Tennessee or equivalent assessments completed in other states. **Within the brief description section, detail your firm’s involvement and include parameters assessed. Also include how your firm was able to maintain the project schedule. Include the start and end dates for field work and for development of the final report.**

3. EXPERIENCE

For those staff members for whom a Section E resume was provided, complete the table below.

Number of projects each person has completed in past two (2) years
(See list below table for clarification of tasks required)

Item Number	Item	Name #1		Name #2		Name #3	
		TN	SE	TN	SE	TN	SE
1	Wetlands delineation (a)						
2	Wetlands assessment (b)						
3	TNSQT assessment (or other state equivalent) (c)						
4	QHP Certified (d)						
5	Stream remediation/mitigation (e)						
6	ARAP/401/404 permits (f)						
7	Formal Consultation with USFWS (g)						
8	Project coordination with TDEC, TWRA, TVA, USFWS, and USACE (h)						
9	Project coordination with equivalent state agencies (h)						
10	GPS/GIS work (i)						
11	Bat surveys (j)						
12	Mussel identification (k)						
13	Fish identification (l)						
14	Benthic identification (m)						
15	Crayfish identification (n)						
16	Plant identification (o)						

- a) Identification and delineation of jurisdictional wetlands, using USACE methods and regional supplements
- b) Tier status of wetlands
- c) Functional assessment of streams to determine present and proposed conditions
- d) Number of projects for which a current in-house staff person was the QHP certified professional

- e) Development of stream remediation and mitigation, including streams needing remediation, and performing remediation (excluding purchasing credits from banks or ILF)
- f) Experience obtaining ARAP/401/404 water quality permits
- g) Development of biological assessment(s) (BAs) that led to successful completion of the USFWS formal consultation process
- h) Coordination with TDEC, TWRA, TVA, USFWS, and USACE for protected species
- i) GPS surveys/locations, GIS mapping
- j) Bat surveys and reports
- k) Freshwater mussel identification
- l) Freshwater fish identification
- m) Benthic invertebrate identification and data analysis
- n) Crayfish identification
- o) Plant identification