



R Software Training

Specifications

TDH Technical Training is looking to procure virtual training in the R software environment for statistical computing and graphics for TDH state employees. This will be a two-year contract with two (2) options to renew.

Definitions

1. TDH: Tennessee Department of Health
2. R Training: Instruction or teaching designed to impart the skills of data analysis and manipulation using the R statistical programming environment.
3. R Software: A programming language for statistical computing and graphics supported by the R Core Team and the R Foundation for Statistical Computing.
4. IT: Any services relating to any aspect of the state's data processing or data transfer requirements, including facilities management, bureau services, hardware maintenance, software development or support, consultancy, source code deposit, recovery, and network services.

Scope:

1. The Contractor shall provide training sessions for 15-20 state employees per session in a virtual classroom. The Contractor shall provide virtual training in R software covering topics in data import and cleaning, transforming and joining data, data visualization, epidemic curves, basic statistics, descriptive summary tables, and reproducible automated reporting. Training must incorporate facilitated coding exercises and teach material that is majority focused on public health surveillance and epidemiology. Training shall include beginner, intermediate and advanced course options. The program uses the latest R Training software version:
 - R version 4.2.2 (Innocent and Trusting) released on 2022-10-31.The platform used by the program is Windows. The software will be provided by the program. 45 to 60 people shall be trained annually, with each instance

offered once a year. Pricing is being sought per hour of training performed. The State anticipates a total of 156 hours of training to be performed across the total four-year term (two-year contract with both one-year renewal options exercised).

2. Training shall take place during central standard-time M-F 8-5pm CST, excluding State holidays. Consecutive half-day training must be available, for morning or afternoon sessions. Single half-day sessions for courses that extend over multiple weeks are allowed and desired.
3. Training shall be conducted solely in a virtual live environment through an online conferencing platform provided by the State.