

JUSTIFICATION FOR
SOLE SOURCE PROCUREMENT

Agency: Trident Technical College

Sole source Vendor: Clemson University Research Foundation

Based upon the following determination, Agency proposes to acquire the supplies, construction, information technology, and/or services described herein from the Vendor named above per S.C. Code Ann. 11-35-1560 and S.C. Regulation 19-445.2105, Sole Source Procurement.

Description of the Agency need that this procurement meets:

Trident Technical College (TTC) is the leading institution in the National Science Foundation (NSF) grant Revolutionizing Electric Vehicle Education (REVVED) project. The project is in collaboration with Spartanburg Community College, Greenville Technical College, and Clemson University. The project is a faculty-driven consortium of two-year institutions of higher education with institutional leadership support, Clemson University's Center of Workforce Development (CUCWD), NSF projects/centers, and industry collaborating to address the workforce needs of the Electric Vehicle automotive service industry and manufacturing using an innovative educational approach. The project will yield a deeper understanding of the processes required for creating hybrid learning environments for the upskilling of incumbent workers and education of two-year college students in EV manufacturing and service.

Clemson University is a REVVED project partner; their instructional designer and other team members are developing the project's digital learning instructional materials, and they utilize a Learning Management System (LMS) called EducateWorkforce. The EducateWorkforce learning platform was developed and is operated under the CUCWD. The CUCWD is a South Carolina Commission on Higher Education approved, statewide P-20 initiative to improve workforce educational capacity in STEM fields across South Carolina. The developed materials are based upon work supported by the National Science Foundation under Grant numbers 2033801 and 1700621.

As part of the REVVED project, the Battery Electric Vehicle (BEV) digital instructional materials developed by Clemson's instructional design team will be supported and operated by Clemson University's EducateWorkforce LMS platform. This LMS will house the project-developed curriculum, which will be accessed and used by students at all three two-year colleges participating in the project. Data on student use will be collected to inform the project's required research elements.

Description of market research Agency performed to determine the availability of products or services that would meet the Agency's needs:

To participate in the grant, the Clemson LMS platform is the only platform that can be used to share and use the curriculum developed by the four participants.

Description of supplies, construction, information technology, and/or services Vendor will provide under the contract:

Clemson University's EducateWorkforce LMS platform. This LMS will house the project-developed curriculum, which will be accessed and used by students at all three two-year colleges participating in the project. Data on student use will be collected to inform the project's required research elements.

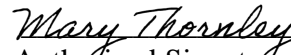
Detailed explanation why no other vendor's supplies, construction, information technology, and/or services will meet the needs of the Agency.

Clemson University and Clemson University Research Foundation have exclusive rights and reserves to EducateWorkforce, and no other institution, organization, or governmental agency can provide access.

Contract Period: 05/15/2023 – 05/15/2025

Contract Amount: \$60,000.00

Com Code: 208



Authorized Signature
Printed Name: Mary Thornley, Ed.D
Title: President

Date: 05/01/2023

Blanket sole source: Yes No

Contract \$50,000 or greater. Drug Free Workplace Act (Section 44-107-30 Code of Laws of SC) applies:
 Yes No _____Buyers Initials

Signed Drug Free Workplace Certification form attached:

_____Yes No _____Buyers Initials

Open Trade Certification on file or attached Yes No _____Buyers Initials