



Greenville Technical College
Request for Written Quotes

Solicitation Number: GTC 23-04-289RFQ
Date Issued: April 7, 2023
Procurement Officer: Kristal Doherty
Phone: (864) 250-8417
E-Mail Address: Kristal.Doherty@gvltec.edu
Mailing Address: PO Box 5616 Greenville, SC 29606

DESCRIPTION: 2023 Volvo C40 Recharge Twin Motor Electric (Plus Model)

USING DEPARTMENT UNIT: Automotive Technology

The Term "Offer" Means Your "Bid" or "Proposal". Solicitation Number must appear on your quote.

SUBMIT YOUR OFFER TO: Kristal.Doherty@gvltec.edu

SUBMIT BID BY (Opening Date/Time): 04/20/2023 @ 2:00 PM (See "Deadline For Submission Of Offer" provision)

QUESTIONS MUST BE RECEIVED BY: **04/13/2023 @ 2:00 PM** (See "Questions From Offerors" provision)

NUMBER OF COPIES TO BE SUBMITTED: **One (1) copy to be emailed to Kristal.doherty@gvltec.edu**

By submitting a quote, you agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date. (See "Signing Your Offer" and "Electronic Signature" provisions.)

Written quotes must be received by **April 20, 2023 at 2:00pm EST. Offerors must submit a Supplier Classification form (included in this document) and a current W9 with their offer.** Products should meet or exceed the specifications below for quotes to be accepted. By submitting an offer, you are confirming that your product meets or exceeds the specifications in this document.

Pursuant to Section **19-445.2141.** of the SC Consolidated Procurement Code, Greenville Technical College is accepting bids from qualified suppliers for the purchase of (1) one new 2023 Volvo C40 Recharge Twin Motor Electric (Plus Model) vehicle as more fully described herein.

Project Description

Revolutionizing Electric Vehicle Education (REVVED) is a collaboration between Trident Technical College, Spartanburg Community College, Greenville Technical College, and Clemson University. This faculty-driven consortium, with institutional leadership support, NSF projects/centers, and industry partners, will address the workforce needs of the Electric Vehicle (EV) manufacturing and service industry. The project's primary research goal is to yield a deeper understanding of the processes required to create hybrid learning environments for upskilling workers and educating two-year college students in EV manufacturing and service.

The purpose of this solicitation is to purchase an electric vehicle as a training aid for the REVVED project's faculty and students. The vehicle must be functional to allow for troubleshooting and diagnostics, which provides a higher level of knowledge for our students. Lastly, the vehicle(s) are needed for curriculum design, development, and implementation within the life cycle of the project.

Vendors should contact Volvo to get special educational pricing for this order. Contact information is below:

Sales Operations | USA
(201) 294 7685
Volvo Car USA LLC
1800 Volvo Place, Mahwah, NJ 07430

REVVED Vehicle Specifications

The Vehicle selected for the first phase of project development is a "new" 2023 Volvo C40 Recharge Twin Motor Electric (Plus Model) vehicle. The vehicle must include but not be limited to the following minimum specifications.

Exterior Requirements:

Automatic LED Fog/Headlights with Active High Beam
Power Operated Tailgate
Running Lights
Rear Park Assist
Front Park Assist
Adaptive Brake Lights to include High Level LED Brake Light
Rear Park Assist Camera
Rain Sensor - Automatic Windscreen Wiper Activation
Auto Folding Heated Power Door Mirrors

Interior Requirements:

Zone Electronic Climate Control with Rear Air Vents w/ Air Quality System and Pollen Filter
Front Reading Lights and Theatre Lighting
Luggage Compartment Illumination
12v Socket - Front Console
12" Progressive Driver Display
Front Footwell Illumination
Fixed Panoramic Sunroof
Glovebox Compartment Illumination
Height and Tilt Adjustable Driver Seat
Height Adjustable Passenger Seat
Multi-directional Lumbar Support
Heated Front Seats
Floor Mats
Fixed Rear Seat Headrests

Transmission | Steering | Suspension:

Height and Reach Adjustable Steering Column
Driver Assistance (Pilot Assist and Adaptive Cruise Control)
Speed Sensitive Steering
Steering Wheel Remote Infotainment Controls
Keyless Convenient Entry and Start/Drive
Adjustable Steering Force
Hill Start Assist
Hill Descent Control
Pressure Monitoring System

Safety and Security:

City Safety (includes Pedestrian and Cyclist Detection, Front Collision Warning with Full Auto Brake and Rear Auto Brake)
Oncoming Lane/Run-off Road Mitigation
Run-off Road Protection
Slippery Road and Hazard Light Alert
Speed Limiter
Driver Alert Control with Lane Keeping Aid
Road Sign Information Display
Dual Stage Driver and Passenger Airbags
Passenger Airbag Cut-off Switch
Driver Knee Airbag
SIPS (Side Impact Protection System)
SIPS Airbags (Front Seats)
IC (Inflatable Curtains) - Full Length
WHIPS (Whiplash Protection System)(Front Seats)
Seatbelt Reminder and Pretensioners
Vehicle Deceleration Control (includes Anti-lock Brake System, Electronic Brake Distribution and Emergency Brake Assist)
Stability and Traction Control (includes Spin Control and Corner Traction Control)
Anti-theft Alarm including Immobiliser, Volume Sensor and Level Sensor
Power Child Locks - Rear Doors

(2 ea.) Key Integrated Remote-Control Central Locking including Recharging Port with + Autodimming Automatic Headlight Levelling System

Audio and Communication:

9" Centre Console Portrait Touch Screen
Wireless/Inductive Mobile Phone Charging
Bluetooth® Handsfree System
High Performance Sound
Apple CarPlay™ (Wired)
2 x Front and 2 x Rear Type C USB Sockets
8 Speakers / 250W Output
Emergency and Breakdown Call Function
Vehicle Preconditioning
Remote Door Locking/Unlocking
Public Charging Services (Plugsurfing)
Google Automotive Services
Navigation with Google Maps
Voice Recognition with Google Assistant (Vehicle Functions, Voice Controlled Web Searches and Google Connected Home Appliances)
Google Automotive Services Enabled Entertainment Apps
Unlimited Mobile Data (for in-car apps or vehicle communication)

Electric Requirements:

7m 10amp Charge Cable with 3 Pin Plug
Plugsurfing RFID card
4.5m 3-Phase 32 amp Type 2 / Mode 3 Charge Cable
Recharging Port (Type 2 / CCS)
Single Phase On-Board Charger - 11kW (home charging limited to 7.2kW)
One Pedal Drive Mode

Delivery will be to Greenville Technical College, 738 S. Pleasantburg Drive, Greenville, SC 29607.

Business name and contact information must be included on the quote. Please email quotes to Kristal.Doherty@gvltec.edu.

Any questions can be emailed to: Kristal.Doherty@gvltec.edu no later than 4/13/2023 at 2:00 PM.



SUPPLIER CLASSIFICATION FORM

Company Name:	Phone: ()	
Address:		
City:	State:	Zip Code:
Contact Person:	Title:	Phone: ()
Company Email Address:		
Principal Product/Service: I am <input type="checkbox"/> am not <input type="checkbox"/> a current supplier.		

Complete below to identify and certify your company qualifies as Large, Small, Women or Minority owned:
(Check only those that apply):

- Large Business Concern** – A Major Corporation with more than 500 employees.
- Small Business Concern** – A business concern, including its affiliates, independently owned and operated which is not dominant in the field of operation and which meets Small Business Administration standards as to the number of its employees and/or dollar volume of its business. (Generally under 500 employees)
- Minority Business Concern** – A business at least 51% of which is owned (or, in the case of publicly owned businesses, at least 51% of the stock of which is owned) by one or more minority individuals or other individuals found to be economically and social disadvantaged as established by the South Carolina’s Division of Small and Minority Business Contracting and Certification (SMBCC) and whose management and daily operation are controlled by such individuals. **Check all appropriate boxes below:**
 - African American
 - Female
 - Hispanic American
 - Male
 - Asian-Pacific American
 - Native American (American Indian, Eskimo, Aleut)
- Women Owned Business Concern** – A business that is at least 51% owned by a non-minority woman who controls the daily management.
- Veteran Owned** – A business at least 51% of which is owned (or, in the case of publicly owned businesses, at least 51% of the stock of which is owned) by one or more Veterans.

CERTIFICATION STATUS:

- My company is certified by an authorized agency (attach copy).

Signature of Preparer

Printed Name of Preparer

Date