

**DETERMINATION AND FINDINGS**  
**FOR**  
**SOLE SOURCE PROCUREMENT**

**PROGRAM AGENCY:** Department of Energy and Environment  
**CAPTION:** The 2016 Washington DC Electric Vehicle Grand Prix  
**CONTRACT NUMBER:** RQ922696  
**PROPOSED CONTRACTOR:** Global Education, Energy and Environment (Global EEE)

**FINDINGS**

1. **AUTHORIZATION:**

D.C. Official Code §2-354.04, 27 DCMR 1304, 1700 and 1701

2. **MINIMUM NEED:**

The Department of Energy and Environment (“DOEE”) requires the services of a qualified entity to design and develop affordable components (“Electric Vehicle Kits”) needed by District-based high schools to build an electric vehicle and participate in the 2016 Washington DC Electric Vehicle Grand Prix (“EV Grand Prix”). This includes, but not limited to, the chassis, seat pan, outer shell, canopy, motor, controller, batteries, throttle, pedal, wheels, tires, wiring, etc. The Electric Vehicle Kits provided by the selected vendor must meet specific design and safety rules, and must be powered by deep cycle lead acid battery packs not exceeding 73 pounds.

The selected vendor/entity will also provide technical and engineering assistance to at least six District-based high schools to help students design, assemble and build electric vehicles/cars capable of achieving the highest reliability and efficiency possible. Each vehicle kit must include a user-friendly manual that provides step-by-step instructions on how to properly build an electric car for the EV Grand Prix Event.

3. **ESTIMATED REASONABLE COST:**

The estimated fair and reasonable cost to provide the required equipment and services is \$30,000.

#### **4. FACTS THAT JUSTIFY A SINGLE AVAILABLE SOURCE:**

- A. The 2016 Washington DC Electric Vehicle Grand Prix is an electric, hybrid-electric, and solar car competition organized by DOEE and Global Education, Energy and Environment (“Global EEE”), a nonprofit organization that is dedicated to providing hands-on educational experience to help high school students excel in science, technology, engineering and mathematics (“STEM”).
- B. Global EEE has extensive experience in the design and delivery of electric vehicle components needed to build electric cars that meet the requirements of the 2016 EV Grand Prix.
- C. DOEE, in partnership with Global EEE, has received federal grant funding from the US Department of Energy’s State Energy Program to host the 2016 EV Grand Prix at RFK Stadium and to pay for electric vehicle components supplied by Global EEE.
- D. Global EEE has a proven track record of providing technical and engineering assistance to numerous high schools to help students build and race electric and solar powered vehicles.
- E. As the major organizer of the Washington DC EV Grand Prix for the past three (3) consecutive years, Global EEE has inherent knowledge of the components needed to build electric cars, and has consistently delivered reliable car kits to high schools that have participated in the event.
- F. No District vendor, contractor or employee has the unique skills, abilities, and background knowledge of the project.
- G. Pursuant to the District of Columbia State Energy Program, Global EEE must assemble and deliver the components needed for the electric vehicle kits, as well as provide technical assistance to participating high schools.
- H. Global EEE has developed strategic relationships with various manufactures develop the lowest possible price for the components needed to build an electric vehicle, and to provide mentorship to participating high schools.
- I. Global EEE is the only entity that has the unique experience, insight and knowledge of the specific requirements of each component needed to build the type of electric car approved for the EV Grand Prix, and the ability to work cooperatively with volunteers and high school teachers to help students build and race electric cars.

Given the aforementioned reasons, DOEE believes a sole source contract with Global EEE would be the most prudent method for completing the services required under the contract.

## **MARKET RESEARCH**

Pursuant to the District of Columbia Fiscal Year 2016 State Energy Program State Plan, which was reviewed and approved by the US Department of Energy, DOEE is required to purchase Electric Vehicle Kits (electric vehicle components) from Global EEE. Additionally, the components needed to effectively build a reliable and efficient electric vehicle/car are produced by several different manufactures, and when purchased individually, the cost of each component far exceeds to final price offered by Global EEE for the full electric vehicle kit that includes all components. Purchasing the electric vehicle car kits from Global EEE will result in an overall cost-savings for federal and District governments of approximately 40 percent.

6. **CERTIFICATION BY AGENCY HEAD:**

I hereby certify that the above findings are true, correct and complete.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Tommy Wells  
Agency Director  
Department of Energy & Environment

7. **CERTIFICATION BY CONTRACTING OFFICER:**

I have reviewed the above findings and certify that they are sufficient to justify the use of the sole source method of procurement under the cited authority. I certify that the notice of intent to award a sole source contract was published in accordance with 27 DCMR § 1304 and that no response was received. I recommend that the Chief Procurement Officer approve the use of the sole source procurement method for this proposed contract.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robyn N. Johnson  
Agency Contracting Officer  
Department of Energy &  
Environment

**DETERMINATION**

Based on the above findings and in accordance with the cited authority, I hereby determine that it is not feasible or practical to invoke the competitive solicitation process under either Section 402 or 403 of the District of Columbia Procurement Practices Reform Act of 2010 (D.C. Law 18-371; D.C. Official Code § 2-354.02 or 2-354.03). Accordingly, I determine that the District is justified in using the sole source method of procurement.

\_\_\_\_\_  
Date

\_\_\_\_\_  
George A. Schutter  
Chief Procurement Officer  
Office of Contracting & Procurement