



Office of Contracting and Procurement

INTENT TO AWARD SOLE SOURCE CONTRACT

Title	Intent to Award Sole Source Contract - Determination and Findings
Notice Date	April 3, 2014
Response Due Date	April 10, 2014
Reference Number	0006200
Contract Description	The University of the District of Columbia (UDC), Department of Electrical and Computer Engineering & Department of Mechanical Engineer has an immediate need for SRV02-ET Rotary Servo Plant system with real time control hardware
Vendor Name	Quanser Consulting Inc.
Point of Contact	Tracy Williams Contract Specialist twilliams@udc.edu

Determination and Findings for Sole Source Procurement

Reference No.: 0006200

Caption: SRV02-ET Systems

Proposed Contractor: Quanser Consulting Inc.

Program Agency: University of the District of Columbia,
Department of Electrical and Computer Engineering
Department of Mechanical Engineering

FINDINGS:

1. **Authorization:** D.C. Code § 2-303.5 (a) (1), 8 DCMR Chapter 30, Section 3019, 3019.1, 3019.4 and 3019.5.
2. **Minimum Need:** The University of the District of Columbia has a minimum need to procure two SRV02-ET Systems for use by the University's Department of Electrical and Computer Engineering and the University's Department of Mechanical Engineering.
3. **Estimated Cost:** The estimated cost is \$17,072.56 is found to be fair and reasonable.
4. **Facts Which Justify Single Available Source Procurement:**
 - 1) **Quanser Consulting Inc.** is the sole source provider of the SRV02-ET System in the United States.
 - 2) Quanser's SRV02-ET System employs a unique open-architecture hardware design that enables users to easily add experiments to the system; simultaneously, the utilization of posts and cages allows for the SRV02-ET System to protect its motors/encoders/transducer from accidental damage. The SRV02-ET System can be fully integrated with other Quanser modules to continually expand its range of applications.
 - 3) Quanser's QUARC for MATLAB/Simulink control software is used to operate all Quanser platforms, including both the SRV02-ET System and the existing systems owned by the University. This open-architecture software is the only software that can convert Simulink diagrams into real-time executable files for the Windows, QNX, or Linux ARM Operating Systems. QUARC also adds an

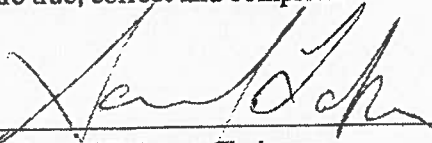
assortment of libraries to Simulink to support the addition of new hardware in support of its open-architecture hardware design.

- 4) The University's Department of Electrical and Computer Engineering and the University's Department of Mechanical Engineering both use QUARC software for existing Quanser hardware. Full hardware and software integration between current and proposed mechanical systems would allow for immediate utilization of the SRV02-ET System without mechanical impediments.
- 5) For continuity of services, it is in the University's advantage to procure the goods from **Quanser Consulting Inc.**
- 6) It is in the best interests of the University to meet its requirements through procurement of the SRV02-ET Systems from **Quanser Consulting Inc.**, the proposed contractor.

5. Certification by Department Head:

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

7/2/14
Date

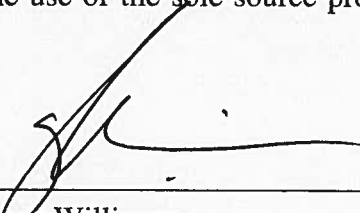


Dr. Samuel Lakeou, Chairman
Dean's Office – Engineering and Applied Science

6. Contract Specialist Certification:

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 statutory authority. I recommend that the Contracting Officer approve the use of the sole source procurement method for this proposed contract.

4/2/2014
Date



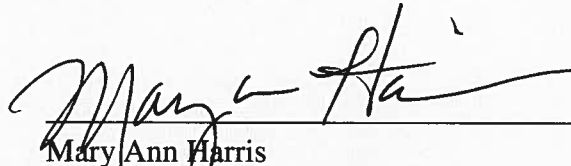
Tracy Williams
Contract Specialist

7. **Determination:**

Based on the above findings and in accordance with D.C. Official Code § 2-303.05 (a) (1), 8 DCMR Chapter 30, Section 3019, 3019.1, 3019.4 and 3019.5, I hereby determine that the above, SRV02-ET Systems, described herein should be procured from **Quanser Consulting Inc.** It is further determined that: this action is in the best interest of the University; the cost to the University is fair and reasonable.

4/2/2014

Date



Mary Ann Harris

Chief Contracting Officer