



## Proposals Selected for Negotiation of Contracts

- **Auburn University**

310 Samford Hall

Auburn University, AL 36849

- **Streamline Numerics, Inc.**

, FL 00000

Siddharth Thakur (352) 271-8841

06-1-T8.02-9978 MSFC

[High Performance Hybrid RANS-LES Simulation Framework for Turbulent Combusting Flows](#) [1]

- **Clarkson University, Division of Research**

8 Clarkson Avenue, Box 5630

Potsdam, NY 13699

- **Jenike & Johanson, Inc.**

400 Business Park Drive

Tyngsboro, MA 01879

Herman Purutyan (978) 649-3300

06-1-T6.01-9985 KSC

[Combining Discrete Element Modeling, Finite Element Analysis, and Experimental Calibrations for Modeling of Granular Material Systems](#) [2]

- **Cleveland Clinic**

9500 Euclid Avenue

Cleveland, OH 44195

- **H-Cubed, Inc.**

26988 Valeside Ln

Olmsted Falls, OH 44138

Ken Goldman (440) 241-1413

06-1-T3.02-9924 GRC

[Nanoporous Membrane for Medical Grade Water Generation](#) [3]

- **Colorado School of Mines**

1500 Illinois Street

Golden, CO 80401

- **Technology Applications, Inc.**

, CO 00000

Gregory Fickbohm (303) 443-2262

06-1-T6.01-9904 KSC

[Advanced Granular System Modeling](#) [4]

- **Georgia Tech Research Corporation**

505 Tenth Street, NW

Atlanta, GA 30332

- **Science and Technology Applications, LLC**

, CA 00000

Tedi Ohanian (805) 529-3800

06-1-T8.02-9744 MSFC

[Innovative Deep Throttling, High Performance Injector Concept](#) [5]

- **Georgia Tech Research Institute**

505 Tenth Street NW

Atlanta, GA 30332

- **Aerotomy, Inc.**

591 Thornton Road, Suite A

Lithia Springs, GA 30122

Chris Gibson (706) 413-1582

06-1-T2.02-9947 AFRC

[Implementation of Extreme STOL Capability in Cruise Efficient Aircraft](#) [6]

- **Iowa State University**

1138 Pearson Hall

Ames, IA 50011

- **Invocon, Inc.**

19221 IH 45 South, Suite 530

Conroe, TX 77385

Mary Pate (281) 292-9903

06-1-T5.02-9832 JSC

[Distributed Leak Detection System Using Structure-Borne Noise](#) [7]

- **Man Vehicle Lab**

Room 33-307, MIT, 77 Massachusetts Avenue

Cambridge, MA 02139

- **Aspen Aerogels, Inc.**

30 Forbes Road

Northborough, MA 01532

Heather Crouse (508) 691-1161

06-1-T5.01-9795 JSC

[Lightweight Rubbery Aerogel Composites for High Performance Protection](#) [8]

- **North Carolina Agricultural and Technical State University**

1601 E. Market Street, Fort IRC Building

Greensboro, NC 27411

- **2020 Company, LLC**

3110 Fairview Park Drive, Suite 950

Falls Church, VA 22030

Paresh Ghelani (312) 404-7900

06-1-T2.01-9825 AFRC

[Aero-Acoustic-Structural Optimization Analysis and Testing](#) [9]

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- **Nuclear Engineering, University of Missouri-Columbia**

E2433 Engineering Building East

Columbia, MO 65211

- **US Semiconductor**

, MO 00000

Penny Meeker (816) 554-7830

06-1-T9.02-9784 SSC

[Quantum Fingerprint-Based Air Quality Monitoring in Coastal Environments](#) [10]

- **Pennsylvania State University**

110 Technology Center, 200 Innovation Blvd.

University Park, PA 16802

- **Luna Innovations Incorporated**

1 Riverside Circle, Suite 400

Roanoke, VA 24016

Angela Keen (540) 552-5128

06-1-T7.01-9914 LaRC

[Embedded Structural Integrity Sensor](#) [11]

- **Portland State University**

P.O. Box 751

Portland, OR 97207

- **TDA Research, Inc.**

, CO 00000

John Wright (303) 940-2300

06-1-T5.01-9851 JSC

[Self-Regulating Freezeable Heat Exchanger and Radiator](#) [12]

- **Rutgers University**

98 Brett Road, D-103 Engineering Building

Piscataway, NJ 08854

**Brimrose Corporation of America**

19 Loveton Circle, Hunt Valley Loveton Center

Sparks, MD 21152

Diane Murray (512) 303-2362

06-1-T2.02-9760 AFRC

[Development of Novel, Optically-Based Instrumentation for Aircraft System Testing and Control](#) [13]

- **Stanford University**

440 Escondido Mall, Building 530

Stanford, CA 94305

**Zolo Technologies, Inc.**

, CO 00000

Patrick McCormick (303) 604-5819

06-1-T9.01-9934 SSC

[TDLAS Test-stand Diagnostics Development for Velocity, Temperature, Efficiency, and Erosion for Space Shuttle Main Engines](#) [14]

- **Temple University**

1947 North 12th Street

Philadelphia, PA 19122

**CFD Research Corporation**

215 Wynn Drive, 5th Floor

Huntsville, AL 35805

Silvia Harvey (256) 726-4800

06-1-T1.02-9952 ARC

[Non-Destructive Detection and Separation of Radiation Damaged Cells in Miniaturized, Inexpensive Device](#) [15]

- **The Johns Hopkins University**

3400 N. Charles Street

Baltimore, MD 21218

**Fibertek, Inc.**

13605 Dulles Technology Drive

Herndon, VA 20171

Tracy Perinis (703) 471-7671

06-1-T7.02-9801 LaRC

[Optical Obstacle Avoidance System for Lunar and Mars Landing](#) [16]

- **UCLA, Microwave Electronics Lab**

Room 63-129, Engineering IV, University of California, LA

Los Angeles, CA 90095

**Bossa Nova Technologies, LLC**

606 B Venice Blvd.

Venice, CA 90291

Sebastien Breugnot (310) 577-8113

06-1-T7.01-9996 LaRC

[Microwave Detection of Laser Ultrasonic for Non-Destructive Testing](#) [17]

- **University of Alabama, Huntsville**

300 Sparkman Drive, VBRH E12

Huntsville, AL 35899

**Luna Innovations Incorporated**

1 Riverside Circle, Suite 400

Roanoke, VA 24016

Angela Keen (540) 552-5128

06-1-T8.01-9912 MSFC

[Materials Characterization for Space Manufactured Components](#) [18]

- **University of Florida**

339 Weil Hall

Gainesville, FL 32611

**CFD Research Corporation**

215 Wynn Drive, 5th Floor

Huntsville, AL 35805

Silvia Harvey (256) 726-4858

06-1-T6.02-9950 KSC

[Numerical Simulation of Rocket Exhaust Interaction with Lunar Soil](#) [19]

- **University of Florida**

339 Weil Hall, P.O. Box 116550

Gainesville, FL 32611

**Boston Applied Technologies, Inc.**

6F Gill Street

Woburn, MA 01801

Yingyin Zou (781) 935-2800

06-1-T3.02-9753 GRC

[A Novel Portable Apparatus for Noninvasively Measuring Bone Density](#) [20]

- **University of Idaho**

URO/P.O. Box 443020

Moscow, ID 83844

**ICs**

PO Box 2236

McCall, ID 83638

Joe Feeley (208) 634-7720

06-1-T4.01-9828 GSFC

[Flight Lossless Data Compression Electronics](#) [21]

- **University of Illinois at Urbana-Champaign**

1206 West Green Street

Urbana , IL 61801

**Omega Optics, Inc.**

10435 Burnet Road, Suite 108

Austin, TX 78758

Clara Chen (512) 996-8833

06-1-T4.02-9782 GSFC

[Plasmon-Enhanced Photonic Crystal Negative Index Materials for Superlensing Applications](#) [22]

• **University of Maryland, Baltimore County**

1000 Hilltop Circle

Baltimore, MD 21250

**Sigma Space Corporation**

, MD 00000

J. Marcos Sirota (301) 552-6300

06-1-T4.01-9833 GSFC

[Ultra Compact Cloud Physics Lidar for UAV Platforms](#) [23]

• **University of Wisconsin-Madison**

750 University Avenue

Madison, WI 53706

**Los Gatos Research**

67 East Evelyn Avenue, Suite 3

Mountain View, CA 94041

Anthony O'Keefe (650) 965-7772

06-1-T9.01-9938 SSC

[Novel Instrumentation for Rocket Propulsion Systems](#) [24]

• **University Space Research Association**

10211 Wincopin Circle, Suite 500

Columbia, MD 21044

**Scientific Monitoring, Inc.**

, AZ 00000



Walter Merrill (440) 328-5832

06-1-T1.01-9811 ARC

[Integrated System Management and Reconfigurable Control](#) [25]

- **Vanderbilt University**

Division of Sponsored Research, 110 21st Avenue South

Nashville, TN 37203

- **Qualtech Systems, Inc.**

, CT 00000

Chakrapani Vallurupalli (860) 257-8014

06-1-T1.01-9893 ARC

[Distributed Multi-Agent Fault Diagnosis and Reconfiguration Control](#) [26]

- **Virginia Polytechnic Institute and State University**

460 Turner Street, Suite 306

Blacksburg, VA 24060

- **Kopin Corporation**

200 John Hancock Road

Taunton, MA 02780

Roger Welser (508) 824-6696

06-1-T3.01-9844 GRC

[InN-Based Quantum Dot Solar Cells](#) [27]

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