



Proposals Selected for Negotiation of Contracts

Expand All

- **T1 Launch Propulsion Systems (2)**

- **CFD Research Corporation**

- 701 McMillian Way Northwest, Suite D

- Huntsville, AL 35806

- Silvia Harvey (256) 726-4858

- **Mississippi State University**

- P. O. Box 9637

- Mississippi State, MS 39762

- 12-2-T1.01-9946 MSFC

- [High-Fidelity Prediction of Launch Vehicle Lift-off Acoustic Environment](#) [1]

- **Streamline Numerics, Inc.**

- 3221 North West 13th Street, Suite A

- Gainesville, FL 32609

- Siddharth Thakur (352) 271-8841

- **Mississippi State University**

- 133 Etheridge Hall, 449 Hardy Road

- Mississippi State, MS 39762

- 12-2-T1.01-9979 MSFC

- [High Performance Multiphase Combustion Tool Using Level Set-Based Primary Atomization Coupled with Flamelet Models](#) [2]

- **T2 In-Space Propulsion Technologies (2)**

- **Angstrom Designs, Inc.**

PO Box 2032

Santa Barbara, CA 93120

Timothy Halsey (805) 284-4535

University of California, Santa Barbara

3227 Cheadle Hall

Santa Barbara, CA 93106

12-2-T2.01-9819 GRC

[An LED-Based, Laboratory-Scale Solar Simulator for Advanced 3, 4, 5 & 6 Junction Space Photovoltaic Power Systems](#) [3]

Systema Technologies, Inc.

10809 120th Ave Northeast

Bothell, WA 98012

Tom Prenzlou (425) 487-4020

University of Washington

Department of Aeronautics & Astronautics, Box 352250

Seattle, WA 98195

12-2-T2.01-9838 GRC

[Advanced Green Micropropulsion System](#) [4]

• **T3 Space Power and Energy Storage (2)**

Radiance Technologies, Inc.

350 Wynn Drive

Huntsville, AL 35805

Brad Atkins (256) 489-8584

Louisiana Tech University

1507 Wyly Tower, P.O. Box 3092

Ruston, LA 71270

12-2-T3.01-9994 SSC

[MEMS Based Solutions for an Integrated and Miniaturized Multi-Spectrum Energy Harvesting and Conservation System](#) [5]

Streamline Automation, LLC

3100 Fresh Way Southwest

Huntsville, AL 35805

Alton Reich (256) 713-1220

Wake Forest University

501 Deacon Boulevard

Winston-Salem, NC 27105

12-2-T3.01-9840 SSC

[Power Generating Coverings and Casings](#) [6]

• **T4 Robotics, Tele-Robotics and Autonomous Systems (3)**

CFD Research Corporation

701 McMillian Way Northwest, Suite D

Huntsville, AL 35806

Silvia Harvey (256) 726-4858

University of Florida

339 Weil Hall

Gainesville, FL 32611

12-2-T4.03-9945 KSC

[Particle Flow Physics Modeling for Extreme Environments](#) [7]

Mesh Robotics, LLC

142 Crescent Drive

Pittsburgh, PA 15228

Michael Wagner (412) 606-3842

Carnegie Mellon University

5000 Forbes Avenue

Pittsburgh, PA 15213

12-2-T4.01-9920 ARC

[MeshSLAM: Robust Localization and Large-Scale Mapping in Barren Terrain](#) [8]

Systems Technology, Inc.

13766 Hawthorne Boulevard

Hawthorne, CA 90250

Thomas Myers (310) 679-2281

University of Florida

339 Weil Hall

Gainesville, FL 32611

12-2-T4.02-9983 AFRC

[Attitude Control Enhancement Using Distributed Wing Load Sensing for Dynamic Servoelastic Control](#) [9]

• **T5 Communication and Navigation (2)**

Aurora Flight Sciences Corporation

9950 Wakeman Drive

Manassas, VA 20110

Scott Hart (617) 500-4892

University of Maryland

3112 Lee Building

College Park, MD 20742

12-2-T5.01-9952 LaRC

[Autonomous Navigation in GNSS-Denied Environments](#) [10]

Prioria, Inc.

606 Southeast Depot Ave

Gainesville, FL 32601

Walter Hunt (352) 505-2188

University of Florida

219 Grinter Hall

Gainesville, FL 32611

12-2-T5.01-9799 LaRC

[Autonomous Onboard Failsafe System to Mitigate Common Failure Modes of Experimental SUAS](#) [11]

- **T8 Science Instruments, Observatories and Sensor Systems (3)**

Amethyst Research Inc.

123 Case Circle

Ardmore, OK 73401

Robert Kuester (580) 657-2575

University of Oklahoma

440 West Brooks Street

Norman, OK 73019

12-2-T8.02-9770 JPL

[Detectors with Improved Near-to-Mid IR Performance and Reduced Cooling Requirements](#) [12]

Creare, Inc.

P.O. Box 71

Hanover, NH 03755

Robert Kline-Schoder (603) 643-3800

Embry-Riddle Aeronautical University

600 South Clyde Morris Boulevard

Daytona Beach, FL 32114

12-2-T8.01-9837 GSFC

[Ultra-Miniaturized Star Tracker for Small Satellite Attitude Control](#) [13]

Wavefront, LLC

7 Johnston Circle

Basking Ridge, NJ 07920

Jie Yao (609) 558-4806

Utah State University Research Foundation - SDL

1695 North Research Park Way

North Logan, UT 84341

12-2-T8.03-9846 ARC

[Conjugate Etalon Spectral Imager \(CESI\) & Scanning Etalon Methane Mapper \(SEMM\)](#) [14]

- **T9 Entry, Descent and Landing Systems (1)**

- **Rolling Hills Research Corporation**

- 420 North Nash Street

- El Segundo, CA 90245

- Brian Kramer (310) 640-8781

- **The Board of Trustees of the University of Illinois**

- 1901 South First Street, Suite A

- Champaign, IL 61820

- 12-2-T9.01-9754 AFRC

- [Modular Electric Propulsion Test Bed Aircraft](#) [15]

- **T10 Nanotechnology (1)**

- **Advanced Ceramics Manufacturing**

- 7800A South Nogales Highway

- Tucson, AZ 85756

- Mark Angier (520) 547-0856

- **Villanova University**

- 800 Lancaster Avenue

- Villanova, PA 19085

- 12-2-T10.01-9724 KSC

- [Ultra High Temperature Refractory Materials](#) [16]

- **T11 Modeling, Simulation, Information Technology and Processing (2)**

- **MaXentric Technologies, LLC**

- 2071 Lemoine Avenue, Suite 302

Fort Lee, NJ 07024

Houman Ghajari (858) 272-8800

The Regents of the University of California, San Diego

9500 Gilman Drive #0934

La Jolla, CA 92093

12-2-T11.01-9737 GSFC

[Assimilation Dynamic Network \(ADN\)](#) [17]

RNET Technologies, Inc.

240 West Elmwood Drive, Suite 2010

Dayton, OH 45459

Vaidyanathan Nagarajan (937) 433-2886

Argonne National Laboratory

9700 South Cass Avenue

Lemont, IL 60439

12-2-T11.01-9699 GSFC

[OrFPGA: An Empirical Performance Tuning Tool for FPGA Designs](#) [18]

• **T12 Materials, Structures, Mechanical Systems and Manufacturing (2)**

Directed Vapor Technologies International, Inc

2 Boars Head Lane

Charlottesville, VA 22903

Matthew Terry (434) 296-3678

University of Pittsburgh

123 University Place

Pittsburgh, PA 15213

12-2-T12.01-9868 GRC

[Advanced Deposition Capability for Oxidation & Corrosion Protection Coatings](#) [19]

Materials Research and Design, Inc.

300 East Swedesford Road

Wayne, PA 19087

Brian Sullivan (610) 964-6131

University of Akron

284 Polsky Building

Akron, OH 44325

12-2-T12.01-9928 GRC

[Improved Foreign Object Damage Performance for 3D Woven Ceramic Matrix Composites](#) [20]

• **T13 Ground and Launch Systems Processing (1)**

Qualtech Systems, Inc.

99 East River Drive

East Hartford, CT 06108

Sudipto Ghoshal (860) 761-9341

Montana State University

309 Montana Hall, P.O. Box 172470

Bozeman, MT 59717

12-2-T13.01-9887 JSC

[Risk Engineering, Sciences, Computation, and Informed Decisions](#) [21]

• **T15 Cross-cutting Aeronautics (2)**

Scientific Systems Company, Inc.

500 West Cummings Park, Suite 3000

Woburn, MA 01801

Michael McComas (603) 860-6016

Massachusetts Institute of Technology

77 Mass Avenue, Building Northeast 18-901

Cambridge, MA 02139

12-2-T15.02-9807 LaRC

[Implementation & Flight Testing of IMPACT System for Autonomous ISR using Collaborating UAVs with Application to Wild Fire Monitoring](#) [22]

Space Micro, Inc.

10237 Flanders Court

San Diego, CA 92121

David Strobel (858) 332-0700

Arizona State University

660 South Mil Avenue, Suite 312

Tempe, AZ 85287

12-2-T15.01-9798 JSC

[Radiation Hard Monolithic SDRAM to Support DDR2 and DDR3 Architectures](#) [23]

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