



## Proposals Selected for Negotiation of Contracts

- **Auburn University**

310 Samford Hall

Auburn, AL 36849

**Intelligent Fiber Optic Systems Corporation**

2363 Calle Del Mundo

Santa Clara, CA 95054

Behzad Moslehi (408) 565-9004

09-2-T2.01-9878 AFRC

[Highly Reliable Structural Health Monitoring of Smart Composite Vanes for Jet Engine](#) [1]

- **Battelle Memorial Institute**

505 King Avenue

Columbus, OH 43201

**Nanoscale Materials, Inc.**

1310 Research Park Drive

Manhattan, KS 66502

Aaron Madison (785) 537-0179

09-2-T6.01-9917 JSC

[Metal Oxide-Carbon Nanocomposites for Aqueous and Nonaqueous Supercapacitors](#) [2]

- **Brigham Young University**

A285 ASB

Provo, UT 84602

**Concepts ETI, Inc.**

217 Billings Farm Road

White River Junction, VT 05001

Robert Hewett (802) 280-6170

09-2-T9.01-9927 MSFC

[Extremely High Suction Performance Inducers for Space Propulsion](#) [3]

- **Carnegie Mellon Silicon Valley**

NASA Research Park, Building 23

Moffett Field, CA 94305

**TRAC Labs, Inc.**

100 N.E. Loop 410, Suite 520

San Antonio, TX 78216

David Kortenkamp (281) 461-7884

09-2-T1.02-9928 ARC

[Integration of Notification with 3D Visualization of Rover Operations](#) [4]

- **Carnegie Mellon University**

5000 Forbes Avenue

Pittsburgh, PA 15213

**Astrobotic Technology, Inc.**

4551 Forbes Avenue

Pittsburgh, PA 15213

David Gump (412) 682-3282

09-2-T6.02-9912 JSC

[Scalable Gravity Offload System](#) [5]

- **Carnegie Mellon University**

5000 Forbes Avenue

Pittsburgh, PA 15213

**ProtoInnovations, LLC**

1908 Shaw Avenue

Pittsburgh, PA 15217

Dimi Apostolopoulos (412) 412-8807

09-2-T1.02-9872 ARC

[Reliable Autonomous Surface Mobility \(RASM\) in Support of Human Exploration](#) [6]

- **Carnegie Mellon University**

5000 Forbes Avenue

Pittsburgh, PA 15213

- **Ciespace Corporation**

900 Commerce Drive, Suite 201

Oak Brook, IL 60523

John Cray (630) 544-8958

09-2-T8.01-9986 LaRC

[An Automated High Aspect Ratio Mesher for Computational Fluid Dynamics](#) [7]

- **George Mason University**

4400 University Drive

Fairfax, VA 22030

- **ResearchSouth, Inc.**

555 Sparkman Drive, Suite 1612

Huntsville, AL 35816

Lawrence Spradley (256) 721-1769

09-2-T8.01-9965 LaRC

[Mesh Generation and Adaption for High Reynolds Number RANS Computations](#) [8]

- **Georgia Insitute of Technology**

505 Tenth Street, North West

Atlanta, GA 30332

- **Impact Technologies, LLC**

200 Canal View Boulevard

Rochester, NY 14623

Carol Marquardt (585) 424-1990

09-2-T1.01-9951 ARC

[Prognostics Enhancemend Fault-Tolerant Control with an Application to a Hovercraft](#) [9]

- **John Carroll University**

20700 North Park Boulevard

University Heights, OH 44118

- **Energy Focus, Inc.**

32000 Aurora Road

Solon, OH 44139

Roger Buelow (440) 715-1251

09-2-T10.02-9869 SSC

[Innovative Solid State Lighting Replacements for Industrial and Test Facility Locations](#) [10]

- **Massachusetts Institute of Technology**

77 Massachusetts Avenue

Cambridge, MA 02139

- **LongWave Photonics, LLC**

15 Bartlett Street, #3

Boston, MA 02129

Alan Lee (310) 845-6276

09-2-T7.01-9887 KSC

[Terahertz Quantum Cascade Laser Based 3D Imaging](#) [11]

- **Missouri University of Science & Technology**

300 West 12th Street

Rolla, MO 65401

- **M4 Engineering, Inc.**

4020 Long Beach Boulevard

Long Beach, CA 90807

Kevin Roughen (562) 981-7797

09-2-T5.01-9926 JPL

[Quantification of Uncertainties in Integrated Spacecraft System Models](#) [12]

- **Rensselaer Polytechnic Institute**

110 8th Street

Troy, NY 12180

- **Simmetrix, Inc.**

10 Halfmoon Executive Park Drive

Clifton Park, NY 12065

Mark Beall (518) 348-1639

09-2-T8.01-9896 LaRC

[Generation and Adaptive Modification of Anisotropic Meshes](#) [13]

- **Rochester Institute of Technology**

111 Lomb Memorial Drive

Rochester, NY 14623

- **Firefly Technologies**

2082 Hackberry Lane

Shakopee, MN 55379

Michael Nesnidal (608) 608-0935

09-2-T3.01-9972 GRC

[Nanowire Photovoltaic Devices](#) [14]

- **Sandia National Laboratories**

PO Box 5800

Albuquerque, NM 87185

- **ACTA, Inc.**

2790 Skypark Drive, Suite 310

Torrance, CA 90505

James Hudson (310) 530-1008

09-2-T5.01-9983 JPL

[QMU in Integrated Spacecraft System Models](#) [15]

- **SCI Institute of the University of Utah**

72 Central Campus Drive, 3750 WEB

Salt Lake City, UT 84112

**ARIBEX**

744 S 400 East

Orem, UT 84097

Cindy Dayton (801) 226-5522

09-2-T7.01-9948 KSC

[Three-Dimensional Backscatter X-Ray Imaging System](#) [16]

- **Stanford University**

Office of Sponsored Research, 340 Panama Street MC 4100

Stanford, CA 94305

**ADVR, Inc.**

2310 University Way, Building 1-1

Bozeman, MT 59715

Betsy Heckel (406) 522-0388

09-2-T4.01-9939 GSFC

[Structured nonlinear optical materials for LIDAR-based remote sensing](#) [17]

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

1901 South First Street, Suite A

Champaign, IL 61820

**IllinoisRocstar, LLC**

60 Hazelwood Drive

Champaign, IL 61826

William Dick (217) 217-0885

09-2-T5.01-9952 JPL

[Efficient Quantification of Uncertainties in Complex Computer Code Results](#) [18]

- **The Regents of the University of Michigan**

3003 South State Street, Room 1072

Ann Arbor, MI 48109

**Picometrix, LLC**

2925 Boardwalk Drive

Ann Arbor, MI 48104

Marsha Gilbert (734) 734-5611

09-2-T7.01-9931 LaRC

[One-Sided 3D Imaging of Non-Uniformities in Non-Metallic Space Flight Materials](#) [19]

- **The University of Connecticut**

438 Whitney Road Ext. Unit 1133

Storrs, CT 06269

**Sustainable Innovations, LLC**

160 Oak Street

Glastonbury, CT 06033

Trent Molter (860) 860-9690

09-2-T10.01-9906 SSC

[Hydrogen Recovery System](#) [20]

- **The University of Washington**

1100 North East 45th Street, Suite 300

Seattle, WA 98105

**Stirling Dynamics, Inc.**

4030 Lake Washington Boulevard North East, #205

Kirkland, WA 98033

Dennis Messenger (425) 827-7476

09-2-T2.01-9961 AFRC

[Aeroelastic/Aeroservoelastic Uncertainty and Reliability of Advanced Aerospace Vehicles in Flight and Ground Operations](#) [21]

- **University of Hawaii**

2530 Dole Street, Sakamaki D250

Honolulu, HI 96822

- **Sierra Lobo, Inc.**

102 Pinnacle Drive

Fremont, OH 43420

Mark Haberbusch (419) 419-9653

09-2-T10.01-9918 SSC

[Gaseous Helium Reclamation at Rocket Test Systems](#) [22]

- **University of Michigan**

Wolverine Tower, First Floor, Room 1061, 3003 S. State St.

Ann Arbor, MI 48109

- **Streamline Numerics, Inc.**

3221 North West 13th Street, Suite A

Gainesville, FL 32609

Siddharth Thakur (352) 271-8841

09-2-T9.01-9969 MSFC

[Advanced Unsteady Turbulent Combustion Simulation Capability for Space Propulsion Systems](#) [23]

- **University of Michigan**

3003 South State Street

Ann Arbor, MI 48109

- **ElectroDynamic Applications, Inc.**

P.O. Box 131460

Ann Arbor, MI 48113

Jonathan Zagel (734) 786-1434

09-2-T3.01-9881 GRC



[High Power High Thrust Ion Thruster \(HPHTion\): 50 CM Ion Thruster for Near-Earth Applications](#) [24]

- **University of Texas Dallas**

800 W. Campbell Road, MP 15

Richardson, TX 75080

- **Lynntech, Inc.**

2501 Earl Rudder Freeway South

College Station, TX 77840

G. Hisaw (979) 764-2218

09-2-T2.01-9899 AFRC

[Acoustic Reduction of Flow Separation](#) [25]

- **Vanderbilt University**

PMB #407749, 2301 Vanderbilt Place

Nashville, TN 37240

- **Scientific, Inc.**

555 Sparkman Drive, Suite 214

Huntsville, AL 35816

Gary Grant (256) 256-0858

09-2-T6.01-9891 JSC

[Prototype Carbon Nanotube Ultracapacitor](#) [26]

- **Wright State University**

3640 Colonel Glenn Highway

Dayton , OH 45435

- **Tech-X Corporation**

5621 Arapahoe Avenue, Suite A

Boulder, CO 80303

Leslie Rosczyk (720) 720-1855

09-2-T3.01-9893 GRC

[Next-Generation Ion Thruster Design Tool to Support Future Space Missions](#) [27]

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