



Proposals Selected for Negotiation of Contracts

Expand All

- **Alabama (2)**

- **CFD Research Corporation**

- 215 Wynn Drive, 5th Floor

- Huntsville, AL 35805

- Silvia Harvey (256) 726-4858

- **University of Cincinnati**

- P.O. Box 210072

- Cincinnati, OH 45221

- 10-1-T9.01-9887 MSFC

- [High-Fidelity Prediction of Launch Vehicle Liftoff Acoustic Fields](#) [1]

- **Radiance Technologies, Inc.**

- 350 Wynn Drive

- Huntsville, AL 35805

- Brad Atkins (256) 489-8584

- **The University of Southern Mississippi**

- 118 College Drive #5157

- Hattiesburg, MS 39406

- 10-1-T10.02-9952 SSC

- [Energy Conservation and Sustainability. Technologies for Propellant Conservation](#) [2]

- **California (12)**

- **Astro Terra Corp**

- 1255 N. Christine st

Orange, CA 92869

Anthony Long (619) 339-7279

Virginia Commonwealth University

800 East Leigh Street

Richmond, VA 23298

10-1-T6.01-9879 JSC

[Self-Healing Inflatable Extraterrestrial Shield \(SHIELD\)](#) [3]

Global Aerospace Corporation

711 West Woodbury Road, Suite H

Altadena, CA 91001

Kerry Nock (626) 345-1200

Cal Poly Corporation

One Grand Avenue, Building 38, Rm 102

San Luis Obispo, CA 93407

10-1-T1.01-9924 ARC

[Small Probe Reentry System](#) [4]

Innosense, LLC

2531 West 237th Street, Suite 127

Torrance, CA 90505

Kisholoy Goswami (310) 530-2011

University of Nevada

4505 Maryland Parkway

Las Vegas, NV 89154

10-1-T8.01-9960 LaRC

[Ionic Polymer-Based Removable and Charge-Dissipative Coatings for Space Electronic Applications](#) [5]

Innosense, LLC

2531 West 237th Street, Suite 127

Torrance, CA 90505

Kisholoy Goswami (310) 530-2011

The Research Foundation of SUNY

402 Crofts Hall

Buffalo, NY 14260

10-1-T6.02-9958 JSC

[Portable High Sensitivity and High Resolution Sensor to Determine Oxygen Purity Levels](#) [6]

Intelligent Fiber Optic Systems Corporation

2363 Calle Del Mundo

Santa Clara, CA 95054

Behzad Moslehi (408) 565-9004

North Carolina State University

2701 Sullivan Drive, Suite 240 (Campus Box 7514)

Raleigh, NC 27695

10-1-T1.01-9930 ARC

[Fiber Optic Temperature Sensors for Thermal Protection Systems](#) [7]

Kestrel Technology LLC

3260 Hillview Avenue

Palo Alto, CA 94304

David Kulich (209) 295-4281

Texas Tech University

2500 Broadway

Lubbock, TX 79409

10-1-T1.02-9853 ARC

[Agent Architecture for Continuous Systems](#) [8]

LC Tech

280 Parkside Dr

Palo Alto, CA 94306

Bin Chen (650) 283-3387

UCLA

420 Westwood Plaza

Los Angeles, CA 90095

10-1-T8.03-9877 LaRC

[Energy Production for Sustainable Planetary Explorations](#) [9]

Los Gatos Research

67 East Evelyn Avenue, Suite 3

Mountain View, CA 94041

Anthony O'Keefe (650) 965-7772

The University of Wisconsin - Madison

21 North Park Street, Suite 6401

Madison, WI 53715

10-1-T6.02-9858 JSC

[Highly Accurate Sensor for High-Purity Oxygen Determination](#) [10]

Luminit, LLC

1850 W. 205 Street

Torrance, CA 90501

marie todd (310) 320-1066

Southern Methodist University

6425 Boaz Lane

Dallax, TX 75205

10-1-T10.01-9845 SSC

[Luminit Optical Tank-level Sensing System](#) [11]

MetroLaser, Inc.

8 Chrysler

Irvine, CA 92618

Christina Arnold (949) 553-0688

Stanford University

340 Panama Street

Stanford, CA 94305

10-1-T6.02-9943 JSC

[Differential Diode Laser Sensor for High-Purity Oxygen](#) [12]

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

10-1-T2.01-9880 AFRC

[Versatile Electric Propulsion Aircraft Testbed](#) [13]

Rolling Hills Research Corporation

420 North Nash Street

El Segundo, CA 90245

Brian Kramer (310) 640-8781

Cal Poly Corporation

1 Grand Avenue, Building 38, Room 102

San Luis Obispo, CA 93407

10-1-T2.01-9869 AFRC

[A Refined Model for the Behavior of Nitrous Oxide to Assess the Limits of N2O Cooling](#) [14]

• **Colorado (3)**

ADA Technologies, Inc.

8100 Shaffer Parkway, Suite 130

Littleton, CO 80127

Sheryl Suhr (303) 874-8262

University of Delaware

Center for Composit Materials

Newark, DE 19716

10-1-T9.01-9836 MSFC

[Non-Catalytic Self Healing Composite Material Solution](#) [15]

TDA Research, Inc.

12345 West 52nd Avenue

Wheat Ridge, CO 80033

John Wright (303) 940-2300

Colorado School of Mines

1500 Illinois Street

Golden, CO 80401

10-1-T10.02-9885 SSC

[Helium-Hydrogen Recovery System](#) [16]

Tech-X Corporation

5621 Arapahoe Avenue, Suite A

Boulder, CO 80303

Leslie Rosczyk (720) 974-1855

Colorado State University

6010 Campus Delivery

Fort Collins, CO 80523

10-1-T3.01-9915 GRC

[Advanced Particle-in-Cell \(PIC\) Tools for Simulation of Electrodynamic Tether Plasma Interactions](#) [17]

• **Florida (3)**

Keystone Synergistic Enterprises, Inc.

664 NW Enterprise Drive, Suite 118

Port Saint Lucie, FL 34986

Raymond Walker (772) 343-7575

Edison Welding Institute

1250 Arthur East Adams Drive

Columbus, OH 43221

10-1-T9.01-9909 MSFC

[Equipment for Solid State Stir Welding of High Temperature Materials](#) [18]

Mnemonics, Inc.

3900 Dow Road, Suite J

Melbourne, FL 32394

Al Calderone (321) 254-7300

University of Central Florida

12201 Research Parkway, Suite 501

Orlando, FL 32826

10-1-T7.01-9980 KSC

[Wireless SAW Sensor Strain Gauge & Integrated Interrogator Design](#) [19]

Streamline Numerics, Inc.

3221 Northwest 13th Street, Suite A

Gainesville, FL 32609

Siddharth Thakur (352) 271-8841

Mississippi State University

449 Hardy Road, 133 Ethredge Hall

Mississippi State, MS 39762

10-1-T9.01-9962 MSFC

[Efficient Parallel Solver for Unsteady Flow Physics in Complex Space Propulsion Geometries](#) [20]

• **Illinois (1)**

Tetra Research Corporation

420 Park Avenue West

Princeton, IL 61356

Rex Chamberlain (815) 872-0702

Mississippi State University

Engineering Research Center

Mississippi State, MS 39762

10-1-T9.01-9906 MSFC

[Advanced Flow Analysis Tools for Transient Solid Rocket Motor Simulations](#) [21]

- **Kentucky (1)**

- **Longhurst Engineering, PLC**

- 234 South Ewing Street

- Guthrie, KY 42234

- William Longhurst (615) 289-1162

- **Vanderbilt University**

- 2201 West End Ave

- Nashville, TN 37235

- 10-1-T9.01-9949 MSFC

- [Torque Control of Friction Stir Welding](#) [22]

- **Maryland (4)**

- **Applied Sensor Research & Development Corporation**

- 1195 Baltimore-Annapolis Blvd., Unit #2

- Arnold, MD 21012

- Jacqueline Hines (410) 544-4664

- **University of Maine**

- 5717 Corbett Hall

- Orono, ME 04469

- 10-1-T7.01-9856 KSC

- [Enhanced Codeset Passive Wireless SAW Sensor-Tags and System](#) [23]

- **Applied Sensor Research & Development Corporation**

- 1195 Baltimore-Annapolis Blvd., Unit #2

- Arnold, MD 21012

- Jacqueline Hines (410) 544-4664

- **Temple University**

- 1938 Liacouras Walk, Room 217A

Philadelphia, PA 19122

10-1-T7.01-9855 KSC

[Hypergol Sensor Using Passive Wireless SAW Devices](#) [24]

Brimrose Technology Corporation

19 Loveton Circle, P.O. Box 616

Sparks, MD 21152

Diane Murray (936) 588-6901

Penn State University: Applied Research Laboratory (ARL)

P.O. Box 30

State College, PA 16804

10-1-T8.03-9945 LaRC

[Alternative Green Technology for Power Generation Using Waste-Heat Energy And Advanced Thermoelectric Materials](#) [25]

Signal Processing, Inc.

13619 Valley Oak Circle

Rockville, MD 20850

Chiman Kwan (301) 315-2322

University of Tennessee

1508 Middle Drive

Knoxville, TN 37996

10-1-T5.01-9939 JPL

[Real-Time Smart Tools for Processing Spectroscopy Data](#) [26]

• **Massachusetts (3)**

Axis Engineering Technologies

One Broadway, 14th Floor

Cambridge, MA 02142

Eric Prechtl (617) 225-4414

University of Maryland

3112 Lee Building

College Park, MD 20742

10-1-T3.01-9899 GRC

[Superconducting Resonant Inductive Power Coupling](#) [27]

Busek Co., Inc.

11 Tech Circle

Natick, MA 01760

Judy Budny (508) 655-5565

The Pennsylvania State University

PO Box 30

State College, PA 16804

10-1-T3.01-9872 GRC

[Magnesium Hall Thruster for Solar System Exploration](#) [28]

Physical Sciences, Inc.

20 New England Business Center

Andover, MA 01810

B. David Green (978) 689-0003

University of Connecticut

438 Whitney Road Extension, Unit 1133

Storrs, CT 06269

10-1-T3.01-9892 GRC

[Functionalized Graphitic Supports for Improved Fuel Cell Catalyst Stability](#) [29]

• **Mississippi (1)**

Innovative Imaging and Research

Building 1103, Suite 140C

Stennis Space Center, MS 39529

Mary Pagnutti (228) 688-2452

The University of Southern Mississippi

118 College Drive #5157

Hattiesburg, MS 39406

10-1-T10.01-9965 SSC

[Optical Approach to Augment Current Float Sensing Method of Determining Cryogen Fluid Height Within a Tank](#) [30]

- **Montana (1)**

- **ADVR, Inc.**

- 2310 University Way, Bldg. 1-1

- Bozeman, MT 59715

- Betsy Heckel (406) 522-0388

- **Montana State University**

- PO Box 172470, 309 Montana Hall

- Bozeman, MT 59717

- 10-1-T4.01-9837 GSFC

- [A Waveguide Based, High Power Pockels Cell Modulator for Sub-Nanosecond Pulse Slicing](#) [31]

- **New Jersey (1)**

- **Princeton Lightwave, Inc.**

- 2555 Route 130 South, Suite 1

- Cranbury, NJ 08512

- Bora Onat (609) 495-2546

- **University of Virginia**

- PO Box 400195

- Charlottesville, VA 22904

- 10-1-T5.01-9824 JPL

- [Extended Wavelength InP Based Avalanche Diodes for MWIR Response](#) [32]

- **Oregon (1)**

- **Voxtel, Inc.**

15985 Northwest Schendel Avenue, Suite 200

Beaverton, OR 97006

Debra Ozuna (971) 223-5646

Georgia Tech Applied Research Corporation

925 Dalney Street

Atlanta, GA 30332

10-1-T4.01-9890 GSFC

[High Sensitivity, Radiation Hard InGaAs LIDAR Receiver for Unmanned Aircraft Systems \(UAS\)](#) [33]

• **Pennsylvania (2)**

Combustion Research and Flow Technology

6210 Keller's Church Road

Pipersville, PA 18947

katherine Young (215) 766-1520

Propulsion Research Center University of Alabama in Huntsville

S225 Technology Drive

Huntsville, AL 35899

10-1-T10.01-9977 SSC

[Novel Design of Orifice Type Control Element for Mitigating Instabilities](#) [34]

ProtoInnovations, LLC

1908 Shaw Avenue

Pittsburgh, PA 15217

Dimi Apostolopoulos (412) 916-8807

Carnegie Mellon University

5000 Forbes Avenue

Pittsburgh, PA 15213

10-1-T1.02-9834 ARC

[Simultaneous Localization and Mapping for Planetary Surface Mobility](#) [35]

- **Texas (2)**

- **Balcones Technologies, LLC**

- 10532 Grand Oak Circle

- Austin, TX 78750

- Joseph Beno (512) 918-1496

- **University of Texas - Center for Electromechanics**

- P.O. Box 7726

- Austin, TX 78713

- 10-1-T3.01-9942 GRC

- [Superconducting Magnetic Bearings for Space-Based Flywheel Energy Storage Systems](#) [36]

- **TRAC Labs, Inc.**

- 100 North East Loop 410, Suite 520

- San Antonio, TX 78216

- David Kortenkamp (281) 461-7884

- **Carnegie Mellon University - Silicon Valley**

- NASA Research Park, Building 23

- Moffett Field, CA 94305

- 10-1-T1.02-9882 ARC

- [Building and Executing Rover Plans with Contingent Tasks](#) [37]

- **Virginia (8)**

- **Aurora Flight Sciences Corporation**

- 9950 Wakeman Drive

- Manassas, VA 20110

- Scott Hart (617) 500-0536

- **Georgia Institute of Technology Center for Space Systems**

- 620 Cherry Street Northwest

- Atlanta, GA 30332

- 10-1-T1.01-9956 ARC

[Small Probes for Orbital Return of Experiments \(SPORE\)](#) [38]

Fibertek, Inc.

13605 Dulles Technology Drive

Herndon, VA 20171

Tracy Perinis (703) 471-7671

University of Maryland, Baltimore County

1000 Hilltop Circle

Baltimore, MD 21250

10-1-T4.01-9931 GSFC

[New Lidar Laser Configuration for Earth Science Measurements](#) [39]

International Scientific Technologies, Inc.

P.O. Box 757

Dublin, VA 24084

Wanda Gibson (540) 633-1424

The College of William and Mary

P.O. Box 8795

Williamsburg, VA 23187

10-1-T8.02-9893 LaRC

[Polyimide Nanocomposite Circuit Board Materials to Mitigate Internal Electrostatic Discharge](#) [40]

Luna Innovations Incorporated

1 Riverside Circle, Suite 400

Roanoke, VA 24016

Maggie Hudson (434) 483-4254

The Aerospace Corporation

2310 East El Segundo Boulevard

El Segundo, CA 90245

10-1-T8.01-9926 LaRC

[Charge Dissipating Transparent Conformal Coatings for Spacecraft Electronics](#) [41]

Nanosonic, Inc.

158 Wheatland Drive

Pembroke, VA 24136

Lisa Lawson (540) 626-6266

Texas A&M

3126 TAMU

College Station, TX 77843

10-1-T3.01-9898 GRC

[Lightweight Metal Rubber Wire and Cable for Space Power Systems](#) [42]

Nanosonic, Inc.

158 Wheatland Drive

Pembroke, VA 24136

Lisa Lawson (540) 626-6266

Colorado State University

1618 Campus Delivery

Ft Collins, CO 80523

10-1-T6.01-9860 JSC

[Lightweight, Radiation Resistant, Low Tg, Thoriaeus Rubber Inflatable Space Habitats](#) [43]

Phenom Technologies, Inc

5300 Palmer Ln, STE 2A

Williamsburg, VA 23188

Erik Spahr (757) 784-4647

College of William and Mary

Grants and Research Administration

Williamsburg, VA 23187

10-1-T8.03-9870 LaRC

[Photo-Enhanced Hydrogen Transport Technology for Clean Renewable Electrochemical Energy Systems](#) [44]

Tao of Systems Integration, Inc.

144 Research Drive

Hampton, VA 23666

Arun Mangalam (757) 220-5040

Regents of the University of Minnesota

450 McNamara Alumni Center, 200 Oak Street South East

Minneapolis, MN 55455

10-1-T2.01-9953 AFRC

[Robust Aeroservoelastic Control Utilizing Physics-Based Aerodynamic Sensing](#) [45]

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