



Proposals Selected for Negotiation of Contracts

- **Aether Industries, LLC**

3600 Green Court, Suite 300

Ann Arbor, MI 48105

Benjamin Longmier (608) 225-3173

14-1-Z20.01-9685 ARC

[CubeSat Ambipolar Thruster for LEO and Deep Space Missions](#) [1]

- **Altius Space Machines, Inc.**

511 East South Boulder Road

Louisville, CO 80027

Jonathan Goff (801) 362-2310

14-1-Z20.01-9855 GRC

[Multi-Purpose Interplanetary Deployable Aerocapture System \(MIDAS\)](#) [2]

- **Applied NanoFemto Technologies, LLC**

181 Stedmen Street, Unit #2

Lowell, MA 01851

Jarrod Vaillancourt (978) 430-7128

14-1-S20.02-9113 GSFC

[On-Chip hyperspectral imaging system for portable IR spectroscopy Applications](#) [3]

- **ASTER Labs, Inc.**

155 East Owasso Lane

Shoreview, MN 55126

Suneel Sheikh (651) 484-2084

14-1-Z20.01-9599 ARC

[Deep Space CubeSat Gamma-ray Navigation Technology Demonstration](#) [4]

- **Aurora Flight Sciences Corporation**

90 Broadway, 11th Floor

Cambridge, MA 02142

Scott Hart (617) 500-4892

14-1-A20.01-9565 LaRC

[Evaluation of ADS-B Surveillance Data to Identify Flight Operations with Reduced Safety Margin in the National Airspace System](#) [5]

- **Busek Company, Inc.**

11 Tech Circle

Natick, MA 01760

Judy Budny (508) 655-5565

14-1-Z20.01-8807 GRC

[LunarCube for Deep Space Missions](#) [6]

- **ChemImage Sensor Systems**

7301 Penn Avenue

Pittsburgh, PA 15208

John Belechak (412) 241-7335

14-1-S20.02-9702 JPL

[Wide-Field, Deep UV Raman Hyperspectral Imager](#) [7]

- **CHI Systems, Inc.**

2250 Hickory Road, Suite 150

Plymouth Meeting, PA 19462

Geraldine Burke (215) 542-1400

14-1-H20.01-9235 JSC

[Context-Augmented Robotic Interaction Layer \(CARIL\)](#) [8]

- **Creare, Inc.**

P.O. Box 71

Hanover, NH 03755

Robert Kline-Schoder (603) 643-3800

14-1-H20.02-9027 GRC

[Space Evaporator Absorber Radiator for Life Support and Thermal Control Systems](#) [9]

- **ExoTerra Resource, LLC**

9754 Las Colinas Drive

Lone Tree, CO 80124

Michael VanWoerkom (303) 565-6898

14-1-Z20.01-9516 MSFC

[Solar Electric Propulsion CubeSat Bus for Deep Space Missions](#) [10]

- **Fibertek, Inc.**

13605 Dulles Technology Drive

Herndon, VA 20171

Tracy Perinis (703) 471-7671

14-1-Z20.01-9956 MSFC

[1U CubeSat Lasercom Terminal for Deep Space Communication](#) [11]

- **Freedom Photonics, LLC**

90 Arnold Place

Santa Barbara, CA 93117

Daniel Renner (805) 967-4900

14-1-H20.02-8934 JSC

[Chip-scale Integrated Silica Ring Optical Gyro](#) [12]

- **Grainflow Dynamics, Inc.**

1141 Catalina Drive, PMB 270

Livermore, CA 94550

Otis Walton (925) 447-4293

14-1-H20.01-9095 KSC

[Subsurface Access, Characterization, Acquisition, Transport, Storage and Delivery in Microgravity](#) [13]

- **Honeybee Robotics, Ltd.**

460 West 34th Street

New York, CA 10001

Chris Chapman (646) 459-7802

14-1-H20.01-9561 ARC

[Adaptive LIDAR Vision System for Advanced Robotics](#) [14]

- **Innoflight, Inc.**

9985 Pacific Heights Boulevard, Suite 250

San Diego, CA 92121

David Andaleon (858) 638-1580

14-1-Z20.01-9909 ARC

[Deep Space Cubesat Regenerative Ranging Transponder \(DeSCReeT\)](#) [15]

- **Intelligent Automation, Inc.**

15400 Calhoun Drive, Suite 400

Rockville, MD 20855

Mark James (301) 294-5221

14-1-S20.01-9356 GSFC

[Low-Frequency, All Digital Radar \(ADR\) for Biomass and Ice-sheet Investigations](#) [16]

- **Intelligent Automation, Inc.**

15400 Calhoun Drive, Suite 400

Rockville, MD 20855

Mark James (301) 294-5221

14-1-A20.01-9354 LaRC

[DSAT: Data Storage and Analytics Tool](#) [17]

- **Intelligent Fiber Optic Systems Corporation**

2363 Calle Del Mundo

Santa Clara, CA 95054

Behzad Moslehi (408) 565-9004

14-1-H20.01-9149 JSC

[Multi-Purpose Anthropomorphic Robotic Hand Design for Extra-Vehicular Activity Manipulation Tasks Using Embedded Fiber Optic Sensors](#) [18]

- **Microelectronics Research Development Corporation**

4775 Centennial Boulevard, Suite 130

Colorado Springs, CO 80919

Karen Van Cura (719) 531-0805

14-1-S20.03-9947 GSFC

[Radiation Hardened Structured ASIC Platform for Rapid Chip Development for Very High Speed System on a Chip \(SoC\) and Complex Digital Logic Systems](#) [19]

- **MicroLink Devices, Inc.**

6457 Howard Street

Niles, IL 60714

Noren Pan (847) 588-3001

14-1-Z20.01-9350 ARC

[High Power Betavoltaic Technology](#) [20]

- **Mosaic ATM, Inc.**

540 Ft. Evans Road, Northeast

Leesburg, VA 20176

Chris Stevenson (540) 454-7458

14-1-A20.01-9147 ARC

[Strategic Arrivals Recommendation Tool](#) [21]

- **Mosaic ATM, Inc.**

540 Ft. Evans Road, Northeast

Leesburg, VA 20176

Chris Stevenson (540) 454-7458

14-1-A20.01-9145 ARC

[Integration of Tactical Departure Scheduling and Traffic Flow Management](#) [22]

- **MSNW, LLC**

8551 154th Avenue Northeast

Redmond, WA 98052

John Slough (425) 867-8900

14-1-H20.02-9489 LaRC

[ISS Launched Cubesat Demonstration of Variable-Drag Magnetoshell Aerocapture](#) [23]

- **Nanohmics, Inc.**

6201 East Oltorf Street, Suite 400

Austin, TX 78741

Michael Mayo (512) 389-9990

14-1-Z20.01-8655 ARC

[Deployable Solar Energy Generators for Deep Space Cubesats](#) [24]

- **Nanohmics, Inc.**

6201 East Oltorf Street, Suite 400

Austin, TX 78741

Michael Mayo (512) 389-9990

14-1-S20.02-8519 GSFC

[Improved Hyperspectral Imaging Technologies](#) [25]

- **Nuvotronics, LLC**

7586 Old Peppers Ferry Loop

Radford, VA 24141

Scott Meller (800) 341-2333

14-1-S20.01-8853 JPL

[Ku/Ka-Band Electrically-Scanned Line Array for Tri-Band Cloud and Precipitation Radar Applications](#) [26]

- **Optimal Synthesis, Inc.**

95 First Street, Suite 240

Los Altos, CA 94022

Victor Cheng (650) 559-8585

14-1-A20.01-8743 LaRC

[Robust Voice Communication Understanding for Single-Pilot Operations](#) [27]

- **Optimal Synthesis, Inc.**

95 First Street, Suite 240

Los Altos, CA 94022

Victor Cheng (650) 559-8585

14-1-A20.01-8672 ARC

[Large-Scale Data Analysis Using Machine Learning Framework for Trajectory Prediction Algorithms](#) [28]

- **Orbital Technologies Corporation**

Space Center, 1212 Fourier Drive

Madison, WI 53717

Thomas Crabb (608) 827-5000

14-1-H20.02-9529 JSC

[Plastic Melt Waste Compactor Flight Demonstrator Payload \(PFDP\)](#) [29]

- **Otherlab, Inc.**

3101 20th Street

San Francisco, CA 94110

Charlie Dunlap (808) 782-0628

14-1-H20.01-8788 ARC

[Pneubotics - Membrane-Based Robotics for Remote Material Handling](#) [30]

- **Pacific Microchip Corporation**

3916 Sepulveda Boulevard, #108

Culver City, CA 90230

Dalius Baranauskas (310) 940-3083

14-1-S20.01-9951 JPL

[Low Power Digital Correlator System for PATH Mission](#) [31]

- **Robust Analytics**

2053 Liza Way

Gambrills, MD 21054

Peter Kostiuk (410) 980-3667

14-1-A20.01-8906 LaRC

[Air Traffic Management Cost Assessment Tool](#) [32]

- **Robust Analytics**

2053 Liza Way

Gambrills, MD 21054

Peter Kostiuk (410) 980-3667

14-1-A20.01-8872 LaRC

[Airline Operations Center Simulation](#) [33]

- **Tactical Haptics**

34531 Heathrow Terrace

Fremont, UT 94555

William Provancher (801) 382-7669

14-1-H20.01-9525 JSC

[Natural Touch Interaction for Virtual Reality and Teleoperation via Ungrounded Tactile Shear Feedback](#) [34]

- **TDA Research, Inc.**

12345 West 52nd Avenue

Wheat Ridge, CO 80033

John Wright (303) 940-2300

14-1-H20.02-9404 GRC

[Lightweight and Compact Multifunction Computer-Controlled Strength and Aerobic Training Device](#) [35]

- **UMPQUA Research Company**

P.O. Box 609

Myrtle Creek, OR 97457

John Aker (541) 863-2655

14-1-H20.02-9712 JSC

[Bead Evaporator for Complete Water and Salt Recovery from Brine](#) [36]

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