Proposals Selected for Negotiation of Contracts

Expand All

- **Alabama (1)**
  
  **CFD Research Corporation**
  
  701 McMillian Way Northwest, Suite D

  Huntsville, AL 35806

  Silvia Harvey (256) 726-4858

  **Mississippi State University**
  
  Lee Boulevard

  Mississippi State, MS

  18-2-T9.01-6552 LaRC

  **A Scalable Gas-Particle Flow Simulation Tool for Lander Plume-Surface Interaction and Debris Prediction** [1]

- **Arizona (1)**
  
  **Phoenix Analysis and Design Technologies**
  
  7755 South Research Drive, Suite 110

  Tempe, AZ 85284

  Eric Miller (480) 813-4884

  **Arizona State University-Tempe**
  
  551 E. Tyler Mall St ERC RM 159

  Tempe, AZ 85281

  18-2-T3.03-3883 GRC

  **Aperiodic Lattice Design Optimization for Multi-Functional Lightweight Aerospace Structures** [2]
• California (6)

Frontier Aerospace Corporation
4109A Guardian Street
Simi Valley, CA 93063
Kevin Schoonover (805) 577-8771

Purdue University-Main Campus
155 South Grant Street
West Lafayette, IN 47907
18-2-T9.01-5313 MSFC
Properties Investigation of High-MON Oxidizers and MMH Blends for Use in Deep Space Exploration [3]

M4 Engineering, Inc.
4020 Long Beach Boulevard
Long Beach, CA 90807
Kevin Roughen (562) 981-7797

University of Washington
4333 Brooklyn Ave NE, Box 359472
Seattle, WA 98195
18-2-T15.01-6203 AFRC

Mosaic Materials, Inc.
965 Atlantic Avenue
Alameda, CA 94501
Jason Husk (925) 289-9623

University of California Berkeley
2150 Shattuck Ave., 10th Floor
Berkeley, CA 94704
18-2-T6.01-1154 JSC
Efficient CO2 and H2O Removal with Novel Adsorbents for Life Support Applications on Mars [5]

Nexus Photonics, LLC
University of California-Santa Barbara
5221 Cheadle Hall
Santa Barbara, CA
18-2-T8.02-3882 GSFC
Chip-Scale THz Generator [6]

OEwaves, Inc.
465 North Halstead Street, Suite #140
Pasadena, CA 91107
Debra Coler (626) 351-4200

Georgia Institute of Technology-School of Electrical and Computer Engineering
505 Tenth Street
Atlanta, GA 30332
18-2-T8.02-7183 GRC
Integrated Photonic Filters for RF Signal Processing [7]

Stottler Henke Associates, Inc.
1650 South Amphlett Boulevard, Suite 300
San Mateo, CA 94402
Nate Henke (650) 931-2719

Montana State University
Office of Sponsored Programs, PO Box 172470
Bozeman, MT 59717
18-2-T3.02-1093 GRC
Highly Integrateable AI Modules for Planning, Scheduling, Characterization, and Diagnosis [8]

- Colorado (2)
  Opterus Research and Development, Inc.
4221 Rolling Gate Road
Fort Collins, CO 80526
Thomas Murphey (505) 250-3006

COLORADO STATE UNIVERSITY
Sponsored Programs; 601 S. Howes St.
Fort Collins, CO 80523
18-2-T12.01-5482 LaRC

Validated Engineering Tools for Thin-Ply Composites [9]

Space Lab Technologies, LLC
5455 Spine Road, Suite ME
Boulder, CO 80301
Christine Escobar (720) 309-8475

Regents of the University of Colorado
3100 Marine Street
Boulder, CO 80303
18-2-T7.02-2932 KSC

MarsOasis - An Efficient Autonomously Controlled Martian Crop Production System [10]

Connecticut (1)

Skyre, Inc.
111 Roberts Street, Suite J
East Hartford, CT 06108
Trent Molter (860) 652-9690

University of South Carolina-Columbia
Columbia-Campus
Columbia, SC
18-2-T6.01-1070 JSC

• **Florida (1)**
  
  **VisSidus Technologies, Inc.**
  
  601 Innovation Way
  
  Daytona Beach, FL 32114
  
  Rachel Campbell (206) 617-2445
  
  University of Tennessee Space Institute
  
  411 B.H. Goethert Pkwy
  
  Tullahoma, TN 37388
  
  18-2-T4.03-6342 JPL
  
  [Smallsat Swarm Sparse Aperture SAR for Recon and Surveillance (SSSASARaS)](#) [12]

• **Illinois (1)**
  
  **CU Aerospace, LLC**
  
  3001 Newmark Drive
  
  Champaign, IL 61822
  
  David Carroll (217) 239-1703
  
  University of Illinois at Urbana-Champaign
  
  601 E John Street
  
  Champaign, IL
  
  18-2-T4.01-3162 ARC
  
  [Scalable and Distributed Inertial Navigation Systems](#) [13]

• **Montana (1)**
  
  **Sustainable Bioproducts, LLC**
  
  960 Technology Boulevard
  
  Bozeman, MT 59718
  
  Erin Roth (847) 915-2238
  
  Montana State University
  
  Office of Sponsored Programs, PO Box 172470
Bozeman, MT 59717
18-2-T7.01-1083 ARC

A Robust Biofilm-Biomat Reactor for Conversion of Mission-Relevant Feedstocks to Products [14]

• New Mexico (1)

UbiQD
134 Eastgate Drive
Los Alamos, NM 87544
Hunter McDaniel (505) 310-6767

University of Arizona
1177 E. 4th Street, Shantz Building
Tucson, AZ 85721
18-2-T7.02-8052 KSC

Tailoring the Solar Spectrum for Enhanced Crop Yield for Space Missions [15]

• New York (2)

Aktiwave
241 Ashley Drive
ROCHESTER, NY 14620
Christophe Dorrer (585) 355-2706

Rochester Institute of Technology
1 Lomb Memorial Dr
Rochester, NY
18-2-T8.02-4423 GSFC

Integrated Mid-Infrared Sources Enabled by Waveguides Written with Femtosecond Lasers [16]

Sentient Science
672 Delaware
Buffalo, NY 14209
Melissa McReynolds (716) 239-8215
University of Nebraska - Lincoln

Nebraska Hall (NH) W340
Lincoln, NE 68588
18-2-T12.02-4053 JPL

*Sentient Science - A Multiscale Modeling Suite for Process and Microstructure Prediction in Metal Additive Manufacturing* [17]

**Pennsylvania (2)**

*Advanced Cooling Technologies, Inc.*
1046 New Holland Avenue
Lancaster, PA 17601
William Anderson (717) 205-0602

*Case Western Reserve University*
10900 Euclid Ave.
Cleveland, OH 44106
18-2-T9.01-8702 MSFC

*Advanced Hot Reservoir Variable Conductance Heat Pipes for Planetary Landers* [18]

*Astrobotic Technology, Inc.*
912 Fort Duquesne Boulevard, 3rd Floor
Pittsburgh, PA 15222
Jeffrey Apeldoorn (571) 232-5029

*Carnegie Mellon University*
5000 Forbes Ave
Pittsburgh, PA 15230
18-2-T4.03-1473 JPL

*Co-Localization for Planetary Rover Teams* [19]

**Virginia (2)**

*Luna Innovations, Inc.*
301 1st Street Southwest, Suite 200
Roanoke, VA 24011
Lisa Powell (434) 483-4246

Edison Welding Institute
1250 Arthur E Adams Drive
Columbus, OH 43221
18-2-T13.01-1313 SSC

Multi-Function Fluid Measurement System using High-Definition Fiber Optic Sensing [20]

Nanosonic, Inc.
158 Wheatland Drive
Pembroke, VA 24136
Melissa Campbell (540) 626-6266

Virginia Tech
Virginia Tech MC 0238
Blacksburg, VA 24061
18-2-T13.01-5942 SSC

Wireless Networked Cryogenic and Minimum Pressure Sensors [21]