Proposals Selected for Negotiation of Contracts

Expand All

- Focus Area 1 In-Space Propulsion Technologies (5)
  
  **CU Aerospace, LLC**
  3001 Newmark Drive
  Champaign, IL 61822
  David Carroll (217) 239-1703

  **University of Michigan**
  3003 South State Street
  Ann Arbor, MI 48109
  19-2-T2.02-2527 GRC

  [Advanced Flow Control System for In-Space Electric Propulsion](#) [1]

  **Espace, Inc.**
  30 Lynn Avenue
  Hull, MA 02045
  Francois Martel (781) 925-3893

  **Massachusetts Institute of Technology**
  77 Massachusetts Avenue
  Cambridge, MA 02139
  19-2-T2.03-2775 MSFC

  [Bimodal Ion-Chemical Thruster System](#) [2]

  **Plasma Processes, LLC**
  4914 Moores Mill Road
  Huntsville, AL 35811
  Timothy McKechnie (256) 851-7653
Georgia Tech Research Corporation (GTRC)
250 14th Street Northwest
Atlanta, GA 30318
19-2-T2.03-3789 MSFC
Dual Mode Green Monopropellant Propulsion System for Interplanetary Missions [3]

QorTek, Inc.
5933 North Route 220 Highway
Linden, PA 17744
Zachary Stimely (570) 322-2700

Colorado State University
Sponsored Programs; 601 S. Howes St.
Fort Collins, CO 80523
19-2-T2.02-3763 GRC
Propellant Storage and Distribution System Based on Textured Ceramic Valves for Xenon Electric Propulsion Systems [4]

Spectral Energies, LLC
4065 Executive Drive
Dayton, OH 45430
Sivaram Gogineni (937) 266-9570

Purdue University-Main Campus
155 South Grant Street
West Lafayette, IN 47907
19-2-T2.03-4300 GRC
Concurrent High-Fidelity Measurements and Simulations for Advancing the Design of Rotating Detonation Engines [5]

- **Focus Area 5 Communications and Navigation (1)**
  
  SoneLite, Inc.
  2311 Via Aprilia
  Del Mar, CA 92014
Paul Bremner (619) 977-4048

**Oklahoma State University-Main Campus**
107 Whitehurst
Stillwater, OK 74078
19-2-T5.02-3311 KSC

*Stochastic Cable Harness Coupling to Electric Fields in Spacecraft Cavities* [6]

**Focus Area 6 Life Support and Habitation Systems (3)**

**Alphacore, Inc.**
304 South Rockford Drive
Tempe, AZ 85281

Esko Mikkola (480) 494-5618

**Vanderbilt University**
2101 West End Avenue
Nashville, TN 37235
19-2-T6.05-4023 LaRC


**Cactus Materials**
7700 South River Parkway
Chandler, AZ 85284

Mohammed Rafiqul Islam (480) 213-4704

**Arizona State University**
699 South Mill Avenue
Tempe, AZ 85281
19-2-T6.06-4319 JSC

*Controlling Silver Release from Antimicrobial Surface Coatings for Biofouling Control* [8]

**H2O Insights, LLC**
12794 East Sahuaro Drive
Scottsdale, AZ 85259
Kelly Westerhoff (480) 209-9140

**Arizona State University-Tempe**
551 E. Tyler Mall St ERC RM 159
Tempe, AZ 85281
19-2-T6.06-2448 JSC

*Side Emitting Optical Fibers for Delivery of UV-C Light to Disinfect Key Bacteria in Space Station Water and Storage and Conveyance Systems* [9]

- **Focus Area 9 Sensors, Detectors and Instruments (4)**
  - **Applied NanoFemto Technologies, LLC**
    181 Stedmen Street, Unit #2
    Lowell, MA 01851
    Jing Chen (978) 761-4293

  - **Massachusetts Institute of Technology**
    77 Massachusetts Avenue
    Cambridge, MA 02139
    19-2-T8.02-3207 JSC

    *Photonics Integrated Circuit Enabled Miniature On-Chip Urine Test system with High Sensitivity and Reliability* [10]

  - **Mirios, Inc.**
    429 West Valerio Street, #25
    Santa Barbara, CA 93101
    Alexander Spott (805) 364-2987

  - **The Regents of the University of California, Santa Barbara**
    3227 Cheadle Hall, 3rd Floor
    Santa Barbara, CA 93106
    19-2-T8.02-3360 GSFC

    *Broadband Multispectral Mid-Infrared Laser* [11]
**Multi3D, Inc.**  
101 Woodwinds Industrial Court, Unit U  
Cary, NC 27511  
Allen Gray (919) 667-7499

**Duke University**  
103 Allen Bldg  
Durham, NC 27708  
19-2-T8.04-3301 GSFC

*Beam-Steering Metasurface Antenna for Lunar Soil Moisture Sensing* [12]

**Ultra-Low Loss Technologies**  
4453 La Paloma Avenue  
Santa Barbara, CA 93105  
Renan Moreira (805) 319-2491

**University of California - Santa Barbara**  
Office of Research - 3227 Cheadle Hall  
Santa Barbara, CA 93106  
19-2-T8.02-4150 GSFC

*High Resolution On-Chip Photonic MKID Spectrometer* [13]

**Focus Area 14 In-Space and Advanced Manufacturing (2)**

**Cornerstone Research Group, Inc.**  
510 Earl Boulevard  
Miamisburg, OH 45342  
Carri Miller (937) 320-1877

**University of Delaware**  
104 Hullihen Hall  
Newark, DE 19716  
19-2-T12.05-3201 JSC

*Automated Fabrication of Ablation-Resistant Thermal Protection Systems* [14]
Intelligent Optical Systems, Inc.
2520 West 237th Street
Torrance, CA 90505
Reuben Sandler (424) 263-6305

University of Southern California
3720 South Flower Street, 3rd Floor
Los Angeles, CA 90089
19-2-T12.05-3033 JSC

A Modular In-Situ Curing Apparatus for Thermoset Resin Mixtures Applied as Thermal Protection Systems [15]

• Focus Area 15 Materials, Materials Research, Structures, and Assembly (1)

Touchstone Research Laboratory, Ltd.
The Millennium Centre, 1142 Middle Creek Road
Triadelphia, WV 26059
Brian Gordon (304) 547-5800

Clemson University
201 Sikes Hall
Clemson, SC 29634
19-2-T12.01-4092 LaRC

Precision Heated Tooling for QOA Curing of Thin-Ply Composites [16]

• Focus Area 16 Ground & Launch Processing (1)

Alphacore, Inc.
304 South Rockford Drive
Tempe, AZ 85281
Esko Mikkola (480) 494-5618

Arizona State University-Tempe
Ensuring Correct Sensor Operation and Decisions Under Harsh Environments [17]

**Focus Area 18 Air Vehicle Technology (4)**

*Chemtronergy, LLC*

3619 West 1987 South
Salt Lake City, UT 84104
Greg Tao (801) 981-9997

*University of Utah*

201 Presidents Circle, Room 201
Salt Lake City, UT 84112
19-2-T15.03-4336 GRC

[Solid State Li-S Battery Based on Novel Polymer/Mineral Composite][18]

*Continuum Dynamics, Inc.*

34 Lexington Avenue
Ewing, NJ 08618
Melissa Kinney (609) 538-0444

*Pennsylvania State University*

112 Hammond Building
University Park, PA 16802
19-2-T15.01-3500 AFRC

[Urban Air Mobility (UAM) Terminal Area Ride Quality and Safety Assessment Tool][19]

*Continuum Dynamics, Inc.*

34 Lexington Avenue
Ewing, NJ 08618
Melissa Kinney (609) 538-0444
Georgia Tech Research Corporation (GTRC)
250 14th Street Northwest
Atlanta, GA 30318
19-2-T15.01-2847 LaRC

Next Generation Distributed Electric Propulsion Urban Air Mobility Aircraft Analysis/Design Tools [20]

Research in Flight
1919 North Ashe Court
Auburn, AL 36830
Roy Hartfield (334) 444-8523

Auburn University
23 Samford Hall
Auburn, AL 36849
19-2-T15.01-2965 ARC

Air Vehicle Gust Response Analysis for Conceptual Design [21]

Focus Area 23 Digital Transformation for Aerospace (1)

Tietronix Software, Inc.
1331 Gemini Avenue, Suite 300
Houston, TX 77058
Frank Hughes (281) 461-9300

University of Houston-Clear Lake
2700 Bay Area Blvd
Houston, TX 77058
19-2-T11.03-2769 MSFC

Blockchain for Model Based System Engineering [22]