



Proposals Selected for Negotiation of Contracts

Expand All

- **Alabama (4)**

- **Plasma Processes, LLC**

- 4914 Moores Mill Road

- Huntsville, AL 35811

- Timothy McKechnie (256) 851-7653

- **Georgia Institute of Technology-Main Campus**

- 225 North Ave

- Atlanta, GA

- 19-1-T2.03-3789 MSFC

- [Dual Mode Green Monopropellant Propulsion System for Interplanetary Missions](#) [1]

- **Research in Flight**

- 1919 North Ashe Court

- Auburn, AL 36830

- Roy Hartfield (334) 444-8523

- **Auburn University**

- 141 Engineering Drive

- Auburn, AL 36849

- 19-1-T15.01-2965 ARC

- [Air Vehicle Gust Response analysis for Conceptual Design](#) [2]

- **Streamline Automation, LLC**

- 3100 Fresh Way Southwest

- Huntsville, AL 35805

- Alton Reich (256) 713-1220

University of Tennessee Space Institute

411 B.H. Goethert Pkwy

Tullahoma, TN 37388

19-1-T2.03-2452 MSFC

[Demonstration of Dual Mode Ionic Liquid Propulsion](#) [3]

Streamline Automation, LLC

3100 Fresh Way Southwest

Huntsville, AL 35805

Alton Reich (256) 713-1220

Alabama A&M University

Normal, Alabama 35762

Normal, AL 35762

19-1-T6.05-3299 LaRC

[Testing of COTS Systems in Space](#) [4]

• **Arizona (4)**

Alphacore, Inc.

398 South Mill Avenue, Suite 304

Tempe, AZ 85281

Kimberlee Olson (480) 494-5618

Vanderbilt University

2101 West End Avenue

Nashville, TN

19-1-T6.05-4023 LaRC

[Model and Testing Based Assurance of COTS Systems in Space Radiation Environments](#) [5]

Alphacore, Inc.

398 South Mill Avenue, Suite 304

Tempe, AZ 85281

Kimberlee Olson (480) 494-5618

Arizona State University-Tempe

University Drive and Mill Avenue

Tempe, AZ

19-1-T13.01-4035 SSC

[Ensuring Correct Sensor Operation and Decisions Under Harsh Environments](#) [6]

Cactus Materials

7700 S River Parkway

Chandler, AZ 85284

Mohammed Rafiqul Islam (480) 213-4704

Arizona State University

650 E Tyler Mall Goldwater Center # 208

Tempe, AZ 85281

19-1-T6.06-4319 JSC

[Controlling Silver Release from Antimicrobial Surface Coatings for Biofouling Control](#) [7]

H2O Insights, LLC

12794 E 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

19-1-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](#) [8]

• **Arkansas (1)**

Nanomatronix, LLC

700 Research Center Boulevard

Fayetteville, AR 72701

Matthew Leftwich (479) 215-9438

University of Arkansas at Little Rock

2801 S University Ave

Little Rock, AR

19-1-T6.06-4074 JSC

[Thermally Partially Reduced Graphene Oxide Membranes for Water Recovery from Wastewater](#) [9]

• **California (6)**

Intelligent Fiber Optic Systems Corporation

2363 Calle Del Mundo

Santa Clara, CA 95054

Behzad Moslehi (408) 565-9004

Northwestern University

633 Clark St.

Evanston, IL 60208

19-1-T13.01-2665 SSC

[Enhanced Real Time Distributed Strain and Temperature Monitoring for Rocket Ground Testing](#) [10]

Intelligent Optical Systems, Inc.

2520 West 237th Street

Torrance, CA 90505

Reuben Sandler (424) 263-6305

University of Southern California

3720 S. Flower Street, 3rd Floor

Los Angeles, CA 90089

19-1-T12.05-3033 ARC

[A Modular In-Situ Curing Apparatus for Thermoset Resin Mixtures Applied as Thermal Protection Systems](#) [11]

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

19-1-T8.02-3360 GSFC

[Multispectral Mid-Infrared Laser](#) [12]

Renan Moreira

4453 La Paloma Avenue

Santa Barbara, CA 93105

Renan Moreira (805) 319-2491

The Regents of the University of California, Santa Barbara

3227 Cheadle Hall, 3rd Floor

Santa barbara, CA 93106

19-1-T8.02-4150 GSFC

[Broadband Arrayed Waveguide Grating with Microwave Kinetic Detector Array for Fully Integrated High-Resolution Photonic Spectrograph](#) [13]

SoneLite, Inc.

2311 Via Aprilia

Del Mar, CA 92014

Paul Bremner (619) 977-4048

Oklahoma State University-Main Campus

107 Whitehurst

Stillwater, OK

19-1-T5.02-3311 KSC

[Electric Field Prediction and Mapping Methods Within Spacecraft Enclosures](#) [14]

Tyvak Nano-Satellite System, Inc.

15330 Barranca Parkway

Irvine, CA 92618

Todd Mosher (949) 562-8684

Stanford University

3160 Porter Drive Suite 100

Palo Alto, CA 94304

19-1-T4.03-4413 JPL

[Distributed Multi-GNSS Timing and Localization \(DiGiTal\) 2.0 for Nanosatellites](#) [15]

• **Colorado (3)**

Electro Magnetic Applications

7655 West Mississippi Avenue, Suite 300

Lakewood, CO 80226

Matthew Miller (217) 840-1382

Wichita State University

1845 N. Fairmount

Wichita, KS

19-1-T5.02-3243 KSC

[Power Balance Solver Enhanced by an Experimental Absorption Cross-Section Database](#) [16]

Opterus Research and Development, Inc.

4221 Rolling Gate Road

Fort Collins, CO 80526

Thomas Murphey (505) 250-3006

North Carolina State University at Raleigh

2701 Sullivan Drive

Raleigh, NC 27695

19-1-T12.01-2915 GRC

[Braided Thin-Ply Tapes](#) [17]

Plasma Controls, LLC

1180 La Eda Lane

Fort Collins, CO 80526

Casey Farnell (970) 581-2239

COLORADO STATE UNIVERSITY

Sponsored Programs; 601 S. Howes St.

Fort Collins, CO 80523

19-1-T2.02-2644 GRC

[Energy and Velocity Analyzer for Distributions of Electric Rockets](#) [18]

• **District of Columbia (1)**

New Rights Group, Inc. DBA Development Seed

1226 9th Street Northwest, Second Floor

Washington, DC 20001

Mark Wronkiewicz (573) 578-1453

Arizona State University

650 E Tyler Mall Goldwater Center # 208

Tempe, AZ 85281

19-1-T4.01-2855 ARC

[Planetary-Scale Surface Feature Detection and Mapping for Future Exploration Missions](#) [19]

• **Florida (2)**

SurfPlasma

8722 Northwest 9th Place

Gainesville, FL 32606

Subrata Roy (810) 516-0991

University of Florida

201 Criser Hall PO Box 114000

Gainesville, FL

19-1-T15.01-3721 GRC

[Vortex Control for Low-Noise DEP Urban Aircraft](#) [20]

Veth Research Associates, LLC

4591 Highway 20E, Premier Building, Suite 202J

Niceville, FL 32578

Michael Veth (937) 529-8384

Georgia Institute of Technology-Main Campus

225 North Ave

Atlanta, GA

19-1-T4.01-3821 ARC

[Autonomous Navigation on Icy Moons and Ocean Worlds](#) [21]

• **Hawaii (1)**

Navatek, LLC

841 Bishop Street, Suite 1110

Honolulu, HI 96813

Todd Peltzer (808) 551-4713

University of Maine

168 College Avenue

Orono, ME

19-1-T12.01-3729 LaRC

[Thin-Ply Inflatable Composites with Drop Stitch Reinforcement](#) [22]

• **Illinois (1)**

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

19-1-T2.02-2527 GRC

[Advanced Flow Control System for In-Space Electric Propulsion](#) [23]

- **Indiana (1)**

- **En'Urga, Inc.**

- 1201 Cumberland Avenue, Suite R

- West Lafayette, IN 47906

- Deepa Divakaran (765) 497-3269

- **University of Michigan**

- 3003 South State Street

- Ann Arbor, MI 48109

- 19-1-T2.03-3834 AFRC

- [Planar Chemiluminescence Absorption Tomography](#) [24]

- **Maryland (2)**

- **Emergent Space Technologies, LLC**

- 7901 Sandy Spring Road, Suite 511

- Laurel, MD 20707

- Everett Cary (301) 345-1535

- **The University of Texas at San Antonio**

- One UTSA Circle

- San Antonio, TX

- 19-1-T11.03-3448 MSFC

- [ROBOT: Rules Oriented Blockchain Operations Transactor](#) [25]

- **Orbit Logic, Inc.**

- 7852 Walker Drive

- Greenbelt, MD 20770

- Ella Herz (301) 982-6234

- **Regents of the University of Colorado**

- 3100 Marine Street

- Boulder, CO 80303

19-1-T4.03-3131 JPL

[Mars/Interplanetary Swarm Design and Evaluation Framework \(MISDEF\)](#) [26]

- **Massachusetts (2)**

- **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 77058

- 19-1-T8.02-3207 JSC

- [Photonics Integrated Circuit Enabled Miniature On-Chip Urine Test system with High Sensitivity and Reliability](#) [27]

- **Espace, Inc.**

- 30 Lynn Avenue

- Hull, MA 02045

- Francois Martel (781) 925-3893

- **Massachusetts Institute of Technology**

- 77 Massachusetts Avenue

- Cambridge, MA 02139

- 19-1-T2.03-2775 MSFC

- [Bimodal Ion-Chemical Thruster System](#) [28]

- **Minnesota (1)**

- **ASTER Labs, Inc.**

- 155 East Owasso Lane

- Shoreview, MN 55126

- Suneel Sheikh (651) 484-2084

The Regents of the University of Minnesota

200 Oak Street S.E.

Minneapolis, MN 55455

19-1-T4.03-3451 JPL

[Provably Convergent Game-Theoretic Coordination for Space Vehicle Swarms](#) [29]

• **Missouri (1)**

Mycroft AI, Inc.

300 East 39th Street

Kansas City, MO 64111

Eric Jurgeson (913) 406-4011

Texas A&M Engineering Experiment Station

7607 Eastmark Drive

College Station, TX 77840

19-1-T11.04-4219 LaRC

[Development of A Digital Assistant for Early Mission Analysis and Design](#) [30]

• **New Jersey (2)**

Continuum Dynamics, Inc.

34 Lexington Avenue

Ewing, NJ 08618

Barbara Agans (609) 538-0444

Pennsylvania State University-Main Campus

201 Old Main

University Park, PA

19-1-T15.01-3500 AFRC

[DEP Aircraft Terminal Area Ride Quality/Safety of Operations Assessment Tool](#) [31]

Continuum Dynamics, Inc.

34 Lexington Avenue

Ewing, NJ 08618

Barbara Agans (609) 538-0444

Georgia Institute of Technology-Main Campus

225 North Ave

Atlanta, GA

19-1-T15.01-2847 ARC

[Next Generation Distributed Electric Propulsion Urban Air Mobility Aircraft Analysis/Design Tools](#) [32]

• **New York (1)**

Rochester Precision Optics

850 John Street

West Henrietta, NY 14586

Stephanie McCaig (585) 292-5450

Massachusetts Institute of Technology

77 Massachusetts Avenue

Cambridge, MA 77058

19-1-T8.04-3019 JPL

[Hierarchical Metasurface Optics for Multiplexed Visible to Terahertz Cross-Band Systems](#) [33]

• **North Carolina (1)**

Multi3D, LLC

434 Golden Harvest Loop

Cary, NC 27519

Allen Gray (919) 667-7499

Duke University

103 Allen Bldg

Durham, NC

19-1-T8.04-3301 GSFC

[Rapid Prototyping of Beam-Shaping Metamaterial Antennas via Additive Manufacturing of a Highly Conductive Filament](#) [34]

• **Ohio (3)**

Cornerstone Research Group, Inc.

510 Earl Boulevard

Miamisburg, OH 45342

Chrysa Theodore (937) 320-1877

University of Maryland

3112 Lee Building, 7809 Regents Drive

College Park, MD 20742

19-1-T15.03-3203 GRC

[Hybrid Anode for Electrified Aircraft Propulsion](#) [35]

Cornerstone Research Group, Inc.

510 Earl Boulevard

Miamisburg, OH 45342

Chrysa Theodore (937) 320-1877

The University of Texas at Austin

110 Inner Campus Drive

Austin, TX

19-1-T12.05-3201 JSC

[In-Situ Application of Multi-Layer Thermal Protection System](#) [36]

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

19-1-T2.03-4300 GRC

[Concurrent High-Fidelity Measurements and Simulations for Advancing the Design of Rotating Detonation](#)

[Engines](#) [37]

- **Pennsylvania (1)**

QorTek, Inc.

1965 Lycoming Creek Road, Suite 205

Williamsport, PA 17701

Cathy Bower (570) 322-2700

COLORADO STATE UNIVERSITY

Sponsored Programs; 601 S. Howes St.

Fort Collins, CO 80523

19-1-T2.02-3763 GRC

[Propellant Storage and Distribution System Based on Textured Ceramic Valves for Xenon Electric Propulsion Systems](#) [38]

- **Texas (3)**

Lynntech, Inc.

2501 Earl Rudder Freeway South

College Station, TX 77845

Darla Hisaw (979) 764-2219

Texas A&M Engineering Experiment Station

7607 Eastmark Drive

College Station, TX 77840

19-1-T8.02-2760 GRC

[Integrated Multi-Mode Photonic Crystal Spectrometer with On-Chip Photodetection](#) [39]

Nanohmics, Inc.

6201 East Oltorf Street, Suite 400

Austin, TX 78741

Mike Mayo (512) 389-9990

Research Foundation of the City University of New York-Advanced Science Research Center

85 Saint Nicholas Terrace

New York, NY 10031

19-1-T8.04-3418 GSFC

[Metagrating Beam Shaping Optics](#) [40]

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

19-1-T11.03-2769 MSFC

[Blockchain for Model Based System Engineering](#) [41]

• **Utah (2)**

AnalySwift

5413 Crus Corvi Road

West Jordan, UT 84081

Allan Wood (801) 599-5879

Purdue University-Main Campus

155 South Grant Street

West Lafayette, IN 47907

19-1-T12.01-3920 LaRC

[Efficient High-Fidelity Modeling of High Strain Thin-Ply Composites](#) [42]

Chemtronergy, LLC

3619 West 1987 South

Salt Lake City, UT 84104

Gege Tao (801) 981-9997

University of Utah

201 Presidents Circle, ROOM 201

Salt Lake City, UT

19-1-T15.03-4336 GRC

[Solid State Li-S Battery Based on Novel Polymer/Mineral Composite](#) [43]

- **Virginia (3)**

- **CertainTech, Inc.**

- 20695 Settlers Point Place

- Sterling, VA 20165

- Ponniah Srinivasan (703) 584-5721

- **George Washington University**

- 2121 I Street, NW

- Washington, DC

- 19-1-T6.06-3792 ARC

- [Nanoporous Carbon Nitride Photocatalyst Based Water Recovery System](#) [44]

- **Nanosonic, Inc.**

- 158 Wheatland Drive

- Pembroke, VA 24136

- Melissa Campbell (540) 626-6266

- **Virginia Tech**

- 245 Goodwin Hall

- Blacksburg, VA 24061

- 19-1-T12.05-3378 JSC

- [Cure in Place Hybridsil Polyimide Materials for Next Generation Additively Manufactured TPS Heat Shields](#) [45]

- **Nanosonic, Inc.**

- 158 Wheatland Drive

- Pembroke, VA 24136

- Melissa Campbell (540) 626-6266

- **Virginia Tech**

Virginia Tech MC 0238

Blacksburg, VA 24061

19-1-T6.06-3677 JSC

[Metal-Organic Framework-Sensitized ChemFET Sensors for Spacecraft Water Monitoring Systems](#) [46]

- **Washington (1)**

- **Tethers Unlimited, Inc.**

- 11711 North Creek Parkway South, Suite D113

- Bothell, WA 98011

- Robert Hoyt (425) 486-0100

- **Western Washington University**

- 516 High Street

- Bellingham, WA

- 19-1-T12.05-4015 JSC

- [Resin Additive Manufacturing Processed Thermal Protection Systems \(RAMP TPS\)](#) [47]

- **West Virginia (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

- 19-1-T12.01-4092 LaRC

- [Precision Heated Tooling for OOA Curing of Thin-Ply Composites](#) [48]

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