



Proposals Selected for Negotiation of Contracts

Expand All

- **Alabama (4)**

Advanced Optical Systems, Inc.

6767 Old Madison Pike, Suite 410

Huntsville, AL 35806

Halley Little (256) 971-0036

05-2-S8.01-7776 GSFC

[Hybrid Guidance System for Relative Navigation](#) [1]

CFD Research Corporation

215 Wynn Drive, 5th Floor

Huntsville, AL 35805

Ashok Singhal (256) 726-4841

05-2-X3.01-9345 GRC

[Novel Solar Cell Nanotechnology for Improved Efficiency and Radiation Hardness](#) [2]

Orion Propulsion, Inc.

105 A-4 Commerce Circle

Madison, AL 35758

Angie Fulmer (256) 461-8032

05-2-X7.01-9069 MSFC

[Oxygen-Methane Thruster](#) [3]

Plasma Processes, Inc.

4914 Moores Mill Road

Huntsville, AL 35811

Angela Hattaway (256) 851-7653

05-2-X9.01-8468 MSFC

[Plasma Reduction of Lunar Regolith for In-Space Fabrication](#) [4]

- **Arizona (3)**

HOBi Labs, Inc.

, AZ 00000

Nancy Alimonti (520) 299-2589

05-2-S6.03-8368 GSFC

[Portable, Solid-State Light Sources for Field Radiometric Calibrations](#) [5]

MER Corporation

, AZ 00000

Raouf Loutfy (520) 574-1980

05-2-X2.03-8282 LaRC

[A Nanotube Surface Reinforced Graphite Fiber Exhibiting Significantly Enhanced Properties](#) [6]

Paragon Space Development Corporation

3481 E. Michigan Street

Tucson, AZ 85714

Taber MacCallum (520) 903-1000

05-2-X12.01-9869 JSC

[Solid Oxide Electrolysis for Oxygen Production in an ARS](#) [7]

- **Arkansas (1)**

Arkansas Power Electronics International, Inc.

, AR 00000

Sharmila Mounce (479) 443-5759

05-2-X1.02-8196 JPL

[DC-Motor Drive Encompassing SiGe Asynchronous Control Electronics for Ultra-Wide \(-230\)](#) [8]

- **California (22)**

Advanced Science and Novel Technology

27 Via Porto Grande

Rancho Palos Verdes , CA 90275

Vladimir Katzman (310) 377-6029

05-2-X1.01-9968 GSFC

[Radiation-Tolerant, Space Wire-Compatible Switching Fabric](#) [9]

Aegis Technology, Inc.

, CA 00000

Bob Liu (714) 265-1238

05-2-S8.06-7695 GRC

[A High-Efficiency Compact SiC-based Power Converter System](#) [10]

Innosense, LLC

2531 West 237th Street, Suite 127

Torrance, CA 90717

Latika Datta (310) 530-2011

05-2-X6.03-9788 KSC

[Autonomous, Cryogenic Leak Detector for Improving Launch Site Operations](#) [11]

inXitu, Inc.

2551 Casey Avenue, Suite A

Mountain View, CA 94043

Robert Espinosa (650) 567-0081

05-2-X2.03-8174 ARC

[Carbon Nanotube Electron Sources for Air Purification](#) [12]

Iris AO, Inc.

2680 Bancroft Way

Berkeley, CA 94704

Michael Helmbrecht (510) 849-2375

05-2-S4.04-9332 GSFC

[Extreme-Precision MEMS Segmented Deformable Mirror](#) [13]

Los Gatos Research

67 East Evelyn Avenue, Suite 3

Mountain View, CA 94041

Anthony O'Keefe (650) 965-7772

05-2-S4.04-8886 JPL

[Nonintrusive Optical Thermometers for Real-Time Control of Fabrication Processes](#) [14]

Los Gatos Research

67 East Evelyn Avenue, Suite 3

Mountain View, CA 94041

Anthony O'Keefe (650) 965-3459

05-2-A2.09-8108 AFRC

[Dynamic Strain and Crack Monitoring Sensor](#) [15]

Los Gatos Research

67 East Evelyn Avenue, Suite 3

Mountain View, CA 94041

Anthony O'Keefe (650) 965-7772

05-2-S2.05-8993 ARC

[Photonic Crystal Fiber-Based High Sensitivity Gas Sensor](#) [16]

MetaHeuristics

, CA 00000

Sanjoy Banerjee (805) 886-1555

05-2-A2.04-8523 LaRC

[Computational Aeroacoustics Using the Generalized Lattice Boltzmann Equation](#) [17]

MetroLaser, Inc.

8 Chrysler

Irvine, CA 92618

Christina Arnold (949) 553-0688

05-2-S6.01-9518 LaRC

[One-Dimensional Tunable Photonic-Crystal IR Filter](#) [18]

Mevicon, Inc.

1185 Bordeaux, Suite-D

Sunnyvale, CA 94089

Eric Flint (408) 744-1335

05-2-S6.02-8499 GSFC

[Precision Membrane Optical Shell \(PMOS\) Technology for RF/Microwave to Lightweight LIDAR Apertures](#) [19]

Microcosm, Inc.

4940 W. 147th Street

Hawthorne, CA 90250

Lynn Shimohara (310) 726-4100

05-2-O1.02-9013 GSFC

[X-Ray Pulsar Based Navigation and Time Determination](#) [20]

Physical Optics Corporation

20600 Gramercy Place, Bldg. 100

Torrance, CA 90501

Gordon Drew (310) 320-3088

05-2-S2.01-9647 ARC

[Hybrid LIBS and Raman Spectroscopy Standoff Detection System](#) [21]

Physical Optics Corporation

20600 Gramercy Place, Bldg. 100

Torrance, CA 90501

Gordon Drew (310) 320-3088

05-2-X12.06-9638 JSC

[Adaptive Intelligent Ventilation Noise Control](#) [22]

Rolling Hills Research Corporation

420 N. Nash Street

El Segundo, CA 90245

Brian Kramer (310) 640-8781

05-2-A2.07-8022 AFRC

[Enhanced L/D and Virtual Shaping of NLF Sections](#) [23]

Spaceborne, Inc.

, CA 00000

Constantin Timoc (818) 952-0126

05-2-S6.06-9863 JPL

[A Digital Correlation Spectrometer Chip with 1 GHz Bandwidth, 4096 Spectral Channels, and 4 W Power Consumption for Passive Microwave Remote Sensing Instruments](#) [24]

Stottler Henke Associates, Inc.

951 Mariner's Island Blvd., Suite 360

San Mateo, CA 94404

Carolyn Maxwell (650) 931-2700

05-2-X6.01-9292 ARC

[Intelligent, Semi-Automated Procedure Aid \(ISAPA\) for ISS Flight Control](#) [25]

SySense, Inc.

300 East Magnolia Suite 300

Burbank, CA 91502

Walton Williamson (818) 238-2330

05-2-S3.01-7996 JPL

[Fault Detection, Identification, Reconstruction, and Fault-Tolerant Estimation for Distributed Spacecraft](#) [26]

TechnoScience Corporation

P.O. Box 60658

Palo Alto, CA 94306

Jam Farhoomand (650) 838-9833

05-2-S4.01-8859 JPL

[A 32x32 Direct Hybrid Germanium Photoconductor Array with CTIA Readout Multiplexer](#) [27]

Thorleaf Research, Inc.

5552 Cathedral Oaks Road

Santa Barbara, CA 93111

Paul Holland (805) 692-4978

05-2-S2.01-8127 JPL

[Miniaturized, Low Power Cryogenic Inlet System with Sampling Probes for Titan](#) [28]

Time Rover, Inc.

, CA 00000

Dana Drusinsky (408) 252-2808

05-2-X5.01-9960 ARC

[System and Component Software Specification, Run-time Verification and Automatic Test Generation](#) [29]

Ultramet

12173 Montague Street

Pacoima, CA 91331

Craig Ward (818) 899-0236

05-2-X2.01-8308 GRC

[Lightweight Ultrahigh Temperature CMC-Lined C/C Combustion Chambers, Phase II](#) [30]

• **Colorado (6)**

ADA Technologies, Inc.

8100 Shaffer Parkway, Suite 130

Littleton , CO 80127

Clifton Brown (303) 792-5615

05-2-X12.03-8217 GRC

[Fine Water Mist Fire Extinguisher for Spacecraft](#) [31]

Colorado Power Electronics, Inc.

, CO 00000

Geoff Drummond (970) 482-0194

05-2-X10.01-8573 JPL

[High Efficiency Three Phase Resonant Conversion for Standardized Architecture Power System Applications](#) [32]

Colorado Power Electronics, Inc.

, CO 00000

Geoff Drummond (970) 482-0191

05-2-S8.04-9683 GRC

[Wide Output Range Power Processing Unit for Electric Propulsion](#) [33]

ITN Energy Systems, Inc.

, CO 00000

Ashotosh Misra (303) 285-5137

05-2-X12.02-8812 JSC

[Mutlifunctional Fibers for Energy Storage in Advanced EVA Systems](#) [34]

MicroSat Systems, Inc.

, CO 00000

Mark Wood (303) 285-1722

05-2-X8.02-9494 GSFC

[Modular, Plug and Play, Distributed Avionics](#) [35]

Pioneer Astronautics

11111 W. 8th Avenue, Unit A

Lakewood, CO 80215

Robert Zubrin (303) 980-0890

05-2-X9.01-9561 JSC

[Lunar Materials Handling System](#) [36]

• **Delaware (1)**

EM Photonics

51 East Main Street

Newark, DE 19711

Eric Kelmelis (302) 456-9003

05-2-O2.03-9888 KSC

[Processor for Real-Time Atmospheric Compensation in Long-Range Imaging](#) [37]

• **Florida (5)**

Florida Turbine Technologies, Inc.

, FL 00000

Lloyd Mazer (561) 746-3317

05-2-X7.02-9038 MSFC

[Physics-Based Pneumatic Hammer Instability Model](#) [38]

Light Processing & Technologies, Inc. d/b/a OptiGrate

3267 Progress Drive

Orlando, FL 32826

Robert Giffin (407) 381-4115

05-2-S4.04-8021 GSFC

[High Resolving Power Volume Diffractive Gratings for 400-2700 nm Spectral Range](#) [39]

Mainstream Engineering Corporation

200 Yellow PI

Rockledge, FL 32955

Michael Rizzo (321) 631-3550

05-2-S4.03-8320 MSFC

[Vibration-Free Cooling Cycle Pump for Space Vehicles and Habitats](#) [40]

New Era Technology

, FL 00000

Sousan Anghaie (352) 380-9880

05-2-X10.02-8043 GRC

[Development and Evaluation of Mixed Uranium-Refractory Carbide/Refractory Carbide Cer-Cer Fuels](#) [41]

Soneticom, Inc.

1045 South John Rodes Boulevard

West Melbourne, FL 32904

Richard Lepre (321) 733-0400

05-2-O2.03-7829 KSC

[Range Surveillance Using Radio Interferometry and TDOA Techniques](#) [42]

• **Idaho (1)**

Sentient Corporation

850 Energy Drive

Idaho Falls, ID 83401

Sean Marble (802) 876-3100

05-2-A1.04-9755 ARC

[Model Updating in Online Aircraft Prognosis Systems](#) [43]

• **Illinois (2)**

Applied Material Systems Engineering, Inc.(AMSENG)

2309 Pennsbury Court

Schaumburg, IL 60194

Mukund Deshpande (630) 372-9650

05-2-X10.04-9670 GRC

[Robust Engineered Thermal Control Material Systems for Crew Exploration Vehicle \(CEV\) and Prometheus Needs](#) [44]

Binachip, Inc.

, IL 00000

Prith Banerjee (847) 757-8708

05-2-O1.06-9806 GRC

[A Hardware/Software Design Environment for Reconfigurable Communication Systems](#) [45]

• **Indiana (1)**

Techshot, Inc.

7200 Highway 150

Greenville, IN 47124

Mark Deuser (812) 923-9591

05-2-X11.01-9875 JSC

[Sample Management System for Heavy Ion Irradiation](#) [46]

• **Maryland (6)**

Ceramic Composites, Inc.

133 Defense Highway, Suite 212

Annapolis, MD 21401

Sharon Fehrenbacher (410) 224-3710

05-2-S2.02-9617 JPL

[Venus Lander Experiment Vessel](#) [47]

Intelligent Automation, Inc.

15400 Calhoun Drive, Suite 400

Rockville, MD 20855

Mark James (301) 294-5221

05-2-A1.01-8659 LaRC

[See-and-Avoid Collision Avoidance Using ADS-B Signal and Radar Sensing](#) [48]

Intelligent Automation, Inc.

15400 Calhoun Drive, Suite 400

Rockville, MD 20855

Mark James (301) 294-5221

05-2-A3.01-8442 ARC

[Debugging and Event Tracing for Multi-Agent Systems](#) [49]

Intelligent Automation, Inc.

15400 Calhoun Drive, Suite 400

Rockville, MD 20855

Mark James (301) 294-5221

05-2-A1.02-8162 GRC

[Wireless In-situ Nondestructive Inspection of Engine Rotor Disks with Ultrasonic Guided Waves](#) [50]

Mobitrum Corporation

8070 Georgia Avenue, Suite 207

Silver Spring, MD 20910

Ray Wang (301) 585-4040

05-2-O2.02-9889 SSC

[Virtual Sensor Test Instrumentation](#) [51]

TTH Research, Inc.

, MD 00000

Triem Hoang (301) 490-1800

05-2-S6.07-8373 GSFC

[Miniature Loop Heat Pipe with Multiple Evaporators and Multiple Condensers](#) [52]

• **Massachusetts (20)**

aPeak, Inc.

63 Albert Road

Newton, MA 02466

Stefan Vasile (617) 964-1788

05-2-S4.05-9707 GSFC

[Fast Readout for Large Area Photon-Counting Infrared Detectors](#) [53]

Aspen Aerogels, Inc.

30 Forbes Road, Bldg. B

Northborough, MA 01532

Heather Crouse (508) 481-5058

05-2-S2.02-8148 JPL

[Aerogel Insulation for the Thermal Protection of Venus Spacecraft](#) [54]

Aspen Aerogels, Inc.

30 Forbes Road, Bldg. B

Northborough, MA 01532

Heather Crouse (508) 691-1161

05-2-X3.03-7985 MSFC

[Sprayable Thermal Insulation for Cryogenic Tanks](#) [55]

Boston Micromachines Corporation

, MA 00000

Paul Bierden (617) 926-8796

05-2-S3.02-7676 JPL

[Ultraflat Tip-Tilt-Piston MEMS Deformable Mirror](#) [56]

ElectroChem, Inc.

400 West Cummings Park

Woburn, MA 01801

Radha Jalan (781) 938-5300

05-2-X3.02-8857 JSC

[Integrated PEMFC Flow Field Design Concept for Gravity Independent Passive Water Removal](#) [57]

Hittite Microwave Corporation

20 Alpha Road

Chelmsford, MA 01824

Stephen Daly (978) 250-3343

05-2-S6.05-8391 JPL

[Ka-Band MMIC T/R Module](#) [58]

Infocitex Corporation

303 Bear Hill Road

Waltham, MA 02451

William Thompson (781) 890-1338

05-2-X12.05-9623 JSC

[ElastiGlass Barrier Film and Food Processing Techniques for the 3-to-5 Year Shelf-Stable Food Package](#) [59]

Infocitex Corporation

303 Bear Hill Road

Waltham, MA 02451

William Thompson (781) 890-1338

05-2-O1.04-7826 GRC

[Novel Deployable High Frequency Antennas Using Composite Electro-Textiles](#) [60]

Metis Design Corporation

10 Canal Park, Suite 601

Cambridge, MA 02141

Seth Kessler (617) 661-5616

05-2-A1.04-9399 AFRC

[Aircraft Sensor-Logger with Power Replenishment Capabilities](#) [61]

MicroCell Technologies, LLC

, MA 00000

Michael Kimble (978) 952-6947

05-2-X12.01-7647 ARC

[Electrochemical Reactor for Producing Oxygen From Carbon Dioxide](#) [62]

Optra, Inc.

, MA 00000

Dianne Young (978) 887-6600

05-2-O2.01-7854 KSC

[Advanced 3D Object Identification System](#) [63]

Physical Sciences, Inc.

20 New England Business Center

Andover, MA 01810

Byron Green (978) 689-0003

05-2-X12.05-9569 KSC

[Transmission and Distribution of Photosynthetically Active Radiation \(PAR\) for Biomass Production in Exploration Missions \[7226-270\]](#) [64]

Radiation Monitoring Devices, Inc.

44 Hunt St

Watertown, MA 02472

Nancy Marshall (617) 668-6801

05-2-S2.05-9082 ARC

[Single Molecule Instrument for Surface Enhanced Raman Optical Activity of Biomolecules](#) [65]

Radiation Monitoring Devices, Inc.

44 Hunt St

Watertown, MA 02472

Nancy Marshall (617) 668-6801

05-2-X11.02-9113 JSC

[Microfluidic Cytometer for Complete Blood Count Analysis](#) [66]

Science Research Laboratory, Inc.

, MA 00000

Jonah Jacob (617) 547-1122

05-2-S6.02-9846 LaRC

[Fault-Protected Laser Diode Drivers for Improving the Performance and Lifetime of Multiple-Millisecond, Long-Pulse LDAs for NASA LIDAR Systems](#) [67]

Scientific Systems Company, Inc.

500 West Cummings Park, Suite 3000

Woburn, MA 01801

Raman Mehra (781) 933-5355

05-2-A1.03-8321 LaRC

[Integrated Damage-Adaptive Control System \(IDACS\)](#) [68]

Spire Corporation

, MA 00000

Mark Little (781) 275-6000

05-2-S2.04-8023 GRC

[High Operating Temperature, Radiation-Hard MIM Thermophotovoltaic Converters](#) [69]

Superconducting Systems, Inc.

, MA 00000

Shahin Pourrahimi (781) 642-6702

05-2-S4.03-8093 GSFC

[Shielded ADR Magnets For Space Applications](#) [70]

Surmet Corporation

, MA 00000

Santosh Jha (781) 345-5721

05-2-X7.02-7746 MSFC

[Lightweight and Environmentally Durable Propulsion Components](#) [71]

Xinetics, Inc.

115 Jackson Road

Devens, MA 01434

Michael Sheedy (978) 772-0352

05-2-S3.02-7486 JPL

[Integrated Wavefront Corrector](#) [72]

• **Michigan (2)**

Comet Technology Corporation

3830 Packard, Suite 110

Ann Arbor, MI 48108

Satha Raveendra (734) 973-1600

05-2-A2.01-8590 GRC

[Identification and Reduction of Turbomachinery Noise](#) [73]

Cybernet Systems Corporation

727 Airport Boulevard

Ann Arbor, MI 48108

Daniel Jarrell (734) 668-2567

05-2-O1.01-7813 GSFC

[Robust CCSDS Image Data to JPEG2K Transcoding](#) [74]

• **Minnesota (1)**

SIFT, LLC

211 N. First Street, Suite 300

Minneapolis, MN 55401

Harry Funk (612) 578-7438

05-2-X13.01-7946 JSC

[An Automated Evaluation and Critiquing Aid for User Interface Design](#) [75]

- **Montana (3)**

- **ADVR, Inc.**

- 2310 University Way, Building 1

- Bozeman, MT 59715

- Philip Battle (406) 522-0388

- 05-2-S4.06-8895 GSFC

- [High Power Electro-Optic Modulator for Space-Based Applications](#) [76]

- **S&K Technologies, Inc.**

- , MT 00000

- Arthur Molin (281) 636-5592

- 05-2-X5.02-8208 JSC

- [Concept of Operations Storyboarding Tool](#) [77]

- **Visual Learning Systems, Inc.**

- , MT 00000

- James Blundell (406) 829-1384

- 05-2-S7.01-8496 SSC

- [Automated Feature Extraction from Hyperspectral Imagery](#) [78]

- **New Hampshire (1)**

- **Creare, Inc.**

- P.O. Box 71

- Hanover, NH 03755

- Paul Rothe (603) 643-2487

- 05-2-S6.07-9233 MSFC

- [High-Conductance Thermal Interfaces Based on Carbon Nanotubes](#) [79]

- **New Jersey (4)**

- **Folded Structures Company, LLC**

- , NJ 00000

- Daniel Kling (908) 237-1955

05-2-X2.02-7872 LaRC

[New Analysis and Theory of Deployable Folded Structures](#) [80]

NEI Corporation

201 Circle Drive N., Suite 102/103

Piscataway, NJ 08854

Ganesh Skandan (732) 868-3141

05-2-X2.01-8458 LaRC

[Advanced Silicone-based Coatings for Flexible Fabric Applications](#) [81]

Princeton Lightwave, Inc.

, NJ 00000

Mark Itzler (609) 495-2551

05-2-S1.03-9511 GSFC

[High Performance Avalanche Photodiodes for Photon Counting at 1064 nm](#) [82]

Valcor Engineering Corporation

, NJ 00000

HAROLD SORENSEN (973) 467-8400

05-2-A1.03-8911 LaRC

[Advanced On Board Inert Gas Generation System \(OBBIGS\)](#) [83]

• **New Mexico (2)**

Adherent Technologies, Inc.

9621 Camino del Sol NE

Albuquerque, NM 87111

Susan Switzer (505) 346-1685

05-2-X12.03-8408 MSFC

[Light-Curing Structural Tape for In-Space Repair](#) [84]

Applied Technology Associates

, NM 00000

Jeffrey Stein (505) 767-1231

05-2-S1.03-8998 JPL

[High-Bandwidth Hybrid Sensor \(HYSENS\)](#) [85]

- **New York (3)**

- **Applied Biomathematics**

- , NY 00000

- Lev Ginzburg (631) 751-4350

- 05-2-S2.07-8521 LaRC

- [Accounting for Epistemic and Aleatory Uncertainty in Early System Design](#) [86]

- **Innovative Dynamics, Inc.**

- , NY 00000

- Kumar Seetharam (607) 257-0533

- 05-2-A1.02-9042 GRC

- [Radiosonde Cloud Assessment System](#) [87]

- **MesoScribe Technologies, Inc.**

- , NY 00000

- Jeffrey Brogan (631) 444-6455

- 05-2-S2.06-7742 JPL

- [Enabling Technologies for Fabrication of Large Area Flexible Antennas](#) [88]

- **Ohio (3)**

- **Nastec, Inc.**

- 1801 East Ninth Street, Suite 1111

- Cleveland, OH 44114

- Richard Klein (216) 765-7514

- 05-2-X9.02-7764 GRC

- [Long-Life, Oil-Free, Light-Weight, Multi-Roller Traction Drives for Planetary Vehicle Surface Exploration](#) [89]

- **Sunpower, Inc.**

- , OH 00000

Faith Knutsen (740) 594-2221

05-2-X3.01-9845 GRC

[High Specific Power Multiple-Cylinder Alpha Free-Piston Stirling Engine](#) [90]

Sunpower, Inc.

, OH 00000

Faith Knutsen (740) 594-2221

05-2-S2.04-9840 GRC

[Thermo-Acoustic Converter for Space Power](#) [91]

• **Oregon (4)**

LightSmyth Technologies

1720 Willow Creek Circle #520

Eugene, OR 97402

Thomas Mossberg (541) 431-0027

05-2-S4.04-8389 GSFC

[High-Density Diffraction Imaging and Non-Imaging Grating Elements for EUV and X-ray Spectroscopy Fabricated by DUV Reduction Photolithography](#) [92]

UMPQUA Research Company

PO Box 609

Myrtle Creek, OR 97457

John Aker (541) 863-2655

05-2-X12.01-9587 MSFC

[Hydrogen Recovery by ECR Plasma Pyrolysis of Methane](#) [93]

UMPQUA Research Company

PO Box 609

Myrtle Creek, OR 97457

John Aker (541) 863-2655

05-2-X11.03-9545 GRC

[Microwave Powered Gravitationally Independent Medical Grade Water Generation](#) [94]

Voxel, Inc.

12725 SW Millikan Way, Suite 230

Beaverton, OR 97205

George Williams (971) 223-5646

05-2-S6.07-9346 MSFC

[High Efficiency, Easy-to-Manufacture Engineered Nanomaterials for Thermoelectric Applications](#) [95]

• **Pennsylvania (5)**

Combustion Research and Flow Technology

6210 Keller's Church Road

Pipersville, PA 18947

Paula Schachter (215) 766-1520

05-2-X7.01-9200 MSFC

[Efficient and Accurate Computational Framework for Injector Design and Analysis](#) [96]

Combustion Research and Flow Technology

6210 Keller's Church Road

Pipersville, PA 18947

Paula Schachter (215) 766-1520

05-2-X7.04-9051 LaRC

[Hybrid Computational Model for High-Altitude Aeroassist Vehicles](#) [97]

GDA Corporation

, PA 00000

Stephanie Hulina (814) 237-4060

05-2-S7.01-7622 SSC

[Automated Extraction of Crop Area Statistics from Medium-Resolution Imagery](#) [98]

TRS Ceramics, Inc.

2820 East College Avenue

State College, PA 16801

Wesley Hackenberger (814) 238-7485

05-2-S3.04-8120 MSFC

[Hybrid Electrostatic/Flextensional Deformable Membrane Mirror for Lightweight, Large Aperture and Cryogenic Space Telescopes](#) [99]

TRS Ceramics, Inc.

2820 East College Avenue

State College, PA 16801

Chris Walk (814) 238-7485

05-2-S2.02-8048 JPL

[High Temperature Capacitors for Venus Exploration](#) [100]

• **Texas (2)**

Invocon, Inc.

19221 I-45 South, Suite 530

Conroe, TX 77385

Mary Pate (281) 292-9903

05-2-O2.02-8430 SSC

[Wireless Integrated Microelectronic Vacuum Sensor System](#) [101]

Lynntech, Inc.

7610 Eastmark Drive

College Station, TX 77840

Cynthia Barnett (979) 693-0017

05-2-X12.07-8928 JSC

[A Novel Technology for Simultaneous TOC Reduction and Biofouling Prevention](#) [102]

• **Utah (1)**

HyPerComp Engineering, Inc.

, UT 00000

Ryan Noorda (435) 734-1166

05-2-X3.03-9289 MSFC

[Defining the coupled effects of cryogenic, space-radiation, and hypervelocity impact damage on COPV's](#) [103]

- **Virginia (12)**

- **AeroAstro Corporation**

- , VA 00000

- Kim Irving (703) 554-6335

- 05-2-O1.07-9189 JSC

- [Reconfigurable, Digital EVA Radio](#) [104]

- **AeroAstro Corporation**

- , VA 00000

- Kim Irving (703) 554-6335

- 05-2-X1.01-9182 JSC

- [Modular, Fault-Tolerant Electronics Supporting Space Exploration](#) [105]

- **Aerotech Research**

- 11836 Fishing Point Drive, Suite 200

- Newport News, VA 23606

- Steven Velotas (757) 723-1300

- 05-2-A1.04-9693 ARC

- [A Real-Time Quantitative Condition Alerting and Analysis Support System for Aircraft Maintenance](#) [106]

- **Aurora Flight Sciences Corporation**

- 9950 Wakeman Drive

- Manassas, VA 20110

- Scott Hart (617) 868-8086

- 05-2-X11.01-9057 ARC

- [Cell/Tissue Culture Radiation Exposure Facility](#) [107]

- **Aurora Flight Sciences Corporation**

- 9950 Wakeman Drive

- Manassas, VA 20110

- Scott Hart (617) 868-8086

- 05-2-X8.02-8477 MSFC

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Collier Research & Development Corporation

, VA 00000

Craig Collier (757) 825-0000

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Luna Innovations Incorporated

1 Riverside Circle, Suite 400

Roanoke, VA 24016

Michael Pruzan (540) 558-1695

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Mosaic ATM, Inc.

801 Sycolin Road, Suite 212

Leesburg, VA 20175

Chris Stevenson (540) 338-5192

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NanoSonic, Inc.

1485 South Main Street

Blacksburg, VA 24060

Lisa Lawson (540) 953-1785

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NanoSonic, Inc.

1485 South Main Street

Blacksburg, VA 24060

Lisa Lawson (540) 953-1785

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Tao of Systems Integration, Inc.

, VA 00000

Siva Mangalam (757) 220-5040

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Virginia Diodes, Inc.

979 Second Street, SE

Charlottesville, VA 22902

Thomas Crowe (434) 297-3257

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• **Washington (4)**

Andrews Space & Technology

505 5th Ave South, Suite 300

Seattle, WA 98104

Marian Joh (206) 438-0600

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nLight Photonics

5408 NE 88th Street, Building E

Vancouver, WA 98665

David Gustafson (360) 566-4471

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Vancouver, WA 98665

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Visual Editor Consultants

, WA 00000

Randy Schwarz (509) 539-8621

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• **Wyoming (1)**

Big Horn Valve, Inc.

, WY 00000

Zachary Gray (307) 672-5443

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