



Proposals Selected for Negotiation of Contracts

Expand All

- **Alabama (8)**

- **Advanced Optical Systems, Inc.**

- , AL 00000

- Halley Little (256) 971-0036

- 05-1-S8.01-7776 GSFC

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

- **CFD Research Corp**

- , AL 00000

- Ashok Singhal (256) 726-4858

- 05-1-X1.02-8141 JPL

- [Computer Aided Design Tools for Extreme Environment Electronics](#) [2]

- **CFD Research Corp**

- , AL 00000

- Ashok Singhal (256) 726-4858

- 05-1-X3.01-9345 GRC

- [Novel Solar Cell Nanotechnology for Improved Efficiency and Radiation Hardness](#) [3]

- **Frendi**

- , AL 00000

- Kader Frendi (256) 824-7206

- 05-1-X6.03-9257 KSC

- [Prediction and Control of the Vibroacoustic Environment During a Launch Sequence](#) [4]

- **Orion Propulsion, Inc.**

- , AL 00000

Angie Fulmer (256) 461-8032

05-1-X7.01-9069 MSFC

[Oxygen-Methane Thruster](#) [5]

Photon-X, Inc.

, AL 00000

Blair Barbour (256) 704-3416

05-1-O2.01-7857 KSC

[3D Visualization System for Tracking and Identification of Objects](#) [6]

Plasma Processes, Inc.

, AL 00000

Timothy McKechnie (256) 851-7653

05-1-X9.01-8468 MSFC

[Hydrogen Plasma Reduction of Lunar Regolith for In-Space Fabrication](#) [7]

United Applied Technologies, Inc.

, AL 00000

Larry Bradford (256) 650-5120

05-1-X2.02-8500 MSFC

[Modular Self-Rigidizing Lightweight Structures](#) [8]

• **Arizona (8)**

HOBILabs, Inc.

, AZ 00000

Robert Maffione (520) 299-2589

05-1-S6.03-8368 GSFC

[Portable, Solid-State Light Sources for Field Radiometric Calibrations](#) [9]

MER Corp

, AZ 00000

Raouf Loutfy (520) 574-1980

05-1-X2.03-8282 LaRC

[A Nanotube Surface Reinforced Graphite Fiber Exhibiting Significantly Enhanced Properties](#) [10]

Paragon Space Development Corp.

, AZ 00000

Taber MacCallum (520) 903-1000

05-1-X12.01-9869 JSC

[Solid Oxide Electrolysis for Oxygen Production in an ARS](#) [11]

Ridgetop Group, Inc.

, AZ 00000

Douglas Goodman (520) 742-3300

05-1-X8.01-9614 ARC

[Electronic Prognostics for Vehicle Health Management](#) [12]

SION Power

, AZ 00000

Mark Jost (520) 799-7643

05-1-X3.02-8067 GRC

[Rechargeable Lithium Sulfur \(Li-S\) Battery with Specific Energy 400 Wh/kg and Operating Temperature Range -60](#) [13]

SJT Micropower

, AZ 00000

Pamela DiSalvo (480) 816-8077

05-1-X1.02-9356 JPL

[SOI MESFETs for Extreme Environment Electronics](#) [14]

SunDanzer Development, Inc.

, AZ 00000

David Bergeron (520) 882-9100

05-1-X12.01-8524 JSC

[Gravity Independent Compressor](#) [15]

Zona Technology, Inc.

, AZ 00000

Jennifer Scherr (480) 945-9988

05-1-X7.04-8890 LaRC

[Gas-Kinetic Computational Algorithm for Simulation of Aeroassist Systems](#) [16]

• **Arkansas (2)**

Arkansas Power Electronics International, Inc.

, AR 00000

Sharmila Mounce (479) 443-5759

05-1-S2.02-8160 JPL

[High Temperature All Silicon-Carbide \(SiC\) DC Motor Drives for Venus Exploration Vehicles](#) [17]

Arkansas Power Electronics International, Inc.

, AR 00000

Sharmila Mounce (479) 443-5759

05-1-X1.02-8196 JPL

[DC-Motor Drive Encompassing SiGe Asynchronous Control Electronics for Ultra-Wide \(-230](#) [18]

• **California (52)**

Acellent Technologies, Inc.

, CA 00000

Amrita Kumar (408) 745-1188

05-1-X8.01-8233 ARC

[Condition Based Maintenance of Space Exploration Vehicles Using Structural Health Monitoring](#) [19]

Acuity Technologies, Inc.

, CA 00000

Robert Clark (650) 369-6783

05-1-A2.07-8360 AFRC

[VTOL to Transonic Aircraft](#) [20]

Advanced Science and Novel Technology

, CA 00000

Vladimir Katzman (310) 377-6029

05-1-X1.01-9968 GSFC

[Radiation-Tolerant, Space Wire-Compatible Switching Fabric](#) [21]

AEGIS Technology, Inc.

, CA 00000

Bob Liu (714) 265-1238

05-1-S8.06-7695 GRC

[A High-Efficiency Compact SiC-based Power Converter System](#) [22]

American GNC Corporation

, CA 00000

Cecile Huling (805) 582-0582

05-1-S7.02-9256 SSC

[Web Based Distributed Coastal Image Analysis System](#) [23]

American GNC Corporation

, CA 00000

Cecile Huling (805) 582-0582

05-1-A2.06-8192 ARC

[Wireless Health Monitoring for Large Arrays of MEMS Sensors and Actuators](#) [24]

Apparati, Inc.

, CA 00000

Charles Bryson (408) 623-1556

05-1-S2.05-7935 ARC

[A Miniature Extreme Environment Powder Delivery System \(M-PoDS\)](#) [25]

Atlas Scientific

, CA 00000

Ali Kashani (408) 507-0906

05-1-S4.03-9709 JPL

[A 4-Kelvin Pulse-Tube/Reverse-Brayton Hybrid Cryocooler](#) [26]

Broadata Communications, Inc.

, CA 00000

Freddie Lin (310) 530-1416

05-1-O2.03-8791 KSC

[Multi-Sensor Aerial Intrusion Detector](#) [27]

Complere, Inc.

, CA 00000

F. Kevin Owen (831) 646-5370

05-1-S1.04-8947 LaRC

[Hypersonic Free-Flight Measurement of Aeroshell Forces and Flowfields](#) [28]

Crystal Research, Inc.

, CA 00000

Suning Tang (510) 445-0833

05-1-S1.03-9149 JPL

[A Miniaturized Adaptive Optic Device for Optical Telecommunications](#) [29]

Doradus Technologies, Inc.

, CA 00000

Sam Heidari (408) 954-1400

05-1-O1.01-8435 GSFC

[Near Shannon Limit Low Peak Mean To Envelope Power Ratio \(PMEPR\) Turbo Block Coded OFDM for Space Communications](#) [30]

DR Technologies, Inc.

, CA 00000

Steven Sherman (858) 677-1226

05-1-S2.04-8129 GRC

[Quantum Dot Spectrum Converters for Enhanced High Efficiency Photovoltaics](#) [31]

DR Technologies, Inc.

, CA 00000

Steven Sherman (858) 677-1226

05-1-S8.05-8053 GRC

[Affordable High Performance Electromagnetically Clean Solar Arrays](#) [32]

Harmonic Devices, Inc.

, CA 00000

Philip Stephanou (510) 292-8016

05-1-O1.08-8758 GRC

[Single-Chip Multiple-Frequency RF MEMS Resonant Platform for Wireless Communications](#) [33]

INNOSENSE LLC

, CA 00000

Latika Datta (310) 530-2011

05-1-X12.05-9790 JSC

[Nanomaterials-Based Water and Moisture Impermeable Barrier for Food Packaging](#) [34]

INNOSENSE LLC

, CA 00000

Latika Datta (310) 530-2011

05-1-X6.03-9788 KSC

[Autonomous, Cryogenic Leak Detector for Improving Launch Site Operations](#) [35]

INNOSENSE LLC

, CA 00000

Latika Datta (310) 530-2011

05-1-A1.03-9787 JPL

[Synthetic Receptor-Based Biosensor for Safety and Security Applications](#) [36]

Intelligent Fiber Optic Systems Corporation

, CA 00000

Behzad Moslehi (408) 328-8648

05-1-A1.03-8545 LaRC

[Structural Health Monitoring Using Fiber Bragg Grating Sensor Matrix](#) [37]

Iris AO, Inc.

, CA 00000

Nathan Doble (510) 849-2375

05-1-S4.04-9332 GSFC

[Modeling, Calibration and Control for Extreme-Precision MEMS Deformable Mirrors](#) [38]

Los Gatos Research

, CA 00000

Anthony O'Keefe (650) 965-7772

05-1-S2.05-8993 ARC

[Photonic Crystal Fiber-Based High Sensitivity Gas Sensor](#) [39]

Los Gatos Research

, CA 00000

Anthony O'Keefe (650) 965-7772

05-1-S4.04-8886 JPL

[Nonintrusive Optical Thermometers for Real-Time Control of Fabrication Processes](#) [40]

Los Gatos Research

, CA 00000

Anthony O'Keefe (650) 965-7772

05-1-A2.09-8108 AFRC

[Dynamic Strain and Crack Monitoring Sensor](#) [41]

Los Gatos Research

, CA 00000

Anthony O'Keefe (650) 965-7772

05-1-S2.01-9065 JPL

[Cavity-Enhanced Gas Analyzer for In-Situ Sampling of Biogenic Gases and Their Isotopes](#) [42]

M4 Engineering, Inc.

, CA 00000

Myles Baker (562) 981-7797

05-1-A2.08-7987 AFRC

[HALE Toolkit \(HTK\)](#) [43]

MetaHeuristics

, CA 00000

Sanjoy Banerjee (805) 682-5766

05-1-A2.04-8523 LaRC

[Computational Aeroacoustics Using the Generalized Lattice Boltzmann Equation](#) [44]

MetroLaser, Inc.

, CA 00000

Cecil Hess (949) 553-0688

05-1-O2.02-9513 SSC

[Laser-Induced Emissions Sensor for Soot Mass in Rocket Plumes](#) [45]

MetroLaser, Inc.

, CA 00000

Cecil Hess (949) 553-0688

05-1-S6.01-9518 LaRC

[One-Dimensional Tunable Photonic-Crystal IR Filter](#) [46]

Mevicon, Inc.

, CA 00000

Eric Flint (408) 744-1335

05-1-S6.02-8499 GSFC

[Precision Membrane Optical Shell \(PMOS\) Technology for Lightweight LIDAR Apertures](#) [47]

Microcosm, Inc.

, CA 00000

Lynn Shimohara (310) 726-4100

05-1-O1.02-9013 GSFC

[X-Ray Pulsar Based Navigation and Time Determination](#) [48]

Microwave Power Technology

, CA 00000

Robert Espinosa (650) 567-0081

05-1-X2.03-8174 ARC

[Carbon Nanotube Electron Sources for Air Purification](#) [49]

MMW Technology, Inc.

, CA 00000

Stephen Smith (310) 355-0818

05-1-S6.04-7965 GSFC

[An Alternative Millimeter Wave Oscillator using a Dielectric Puck in the Whispering Gallery Mode](#) [50]

modus nanotechnology

, CA 00000

Ramsey Stevens (925) 330-5312

05-1-O1.08-8624 GRC

[Tunable Multiplexed Resonant Dipole Nanoantenna Array](#) [51]

Optimal Synthesis, Inc.

, CA 00000

P. K. Menon (650) 213-8585

05-1-A3.01-7590 ARC

[Eulerian Air Traffic Flow Management Agent for the ACES Software](#) [52]

Physical Optics Corporation

, CA 00000

Gordon Drew (310) 320-3088

05-1-S1.05-9677 JPL

[Microelectromechanical System-Based Internally Unpowered Leak-Pressure Sensor](#) [53]

Physical Optics Corporation

, CA 00000

Gordon Drew (310) 320-3088

05-1-X12.02-9671 GRC

[Time and Relative Distance Inertial Sensor](#) [54]

Physical Optics Corporation

, CA 00000

Gordon Drew (310) 320-3088

05-1-S2.01-9647 ARC

[Hybrid LIBS and Raman Spectroscopy Standoff Detection System](#) [55]

Physical Optics Corporation

, CA 00000

Gordon Drew (310) 320-3088

05-1-S9.03-8055 GSFC

[Holographic Image Plane Projection Integral 3D Display](#) [56]

Physical Optics Corporation

, CA 00000

Gordon Drew (310) 320-3088

05-1-X12.06-9638 JSC

[Adaptive Intelligent Ventilation Noise Control](#) [57]

PR&T, Inc.

, CA 00000

James Pickel (760) 451-2256

05-1-S5.02-9396 GSFC

[MISTI Shielding and Dosimetry Experiment](#) [58]

Rolling Hills Research Corporation

, CA 00000

Brian Kramer (310) 640-8781

05-1-A2.07-8022 AFRC

[Enhanced L/D and Virtual Shaping of NLF Sections](#) [59]

Rolling Hills Research Corporation

, CA 00000

Brian Kramer (310) 640-8781

05-1-A2.08-8060 AFRC

[Low-Cost, Integrated Ground Test, Simulation, and Flight Control Development Environment](#) [60]

Space Instruments

, CA 00000

Dean Aalami (949) 472-4785

05-1-S5.03-8966 GSFC

[Low Power Mass Spectrometer employing TOF](#) [61]

Spaceborne, Inc.

, CA 00000

Constantin Timoc (818) 952-0126

05-1-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](#) [62]

Stottler Henke Associates, Inc.

, CA 00000

Carolyn Maxwell (650) 931-2726

05-1-X6.01-9292 ARC

[Onboard Autonomous Scheduling Intelligence System](#) [63]

SySense, Inc.

, CA 00000

Walton Williamson (818) 238-2330

05-1-S3.01-7996 JPL

[Fault-Tolerant Precision Formation Guidance for Interferometry](#) [64]

Technoscience Corporation

, CA 00000

Jam Farhoomand (650) 838-9833

05-1-S4.01-8859 JPL

[A 32x32 Direct Hybrid Germanium Photoconductor Array with CTIA Readout Multiplexer](#) [65]

The Peregrine Falcon Corporation

, CA 00000

Robert Hardesty (925) 461-6806

05-1-S6.07-8779 GSFC

[Micro-Channel Embedded Pulsating Heat Pipes](#) [66]

Thorleaf Research, Inc.

, CA 00000

Paul Holland (805) 692-4978

05-1-S2.01-8127 JPL

[Miniaturized, Low Power Cryogenic Inlet System with Sampling Probes for Titan](#) [67]

Time Rover

, CA 00000

Doron Drusinsky (408) 252-2808

05-1-X5.01-9960 ARC

[System and Component Software Specification, Run-time Verification and Automatic Test Generation](#) [68]

Ultramet

, CA 00000

Craig Ward (818) 899-0236

05-1-X11.01-7517 MSFC

[Foam-Reinforced Polymer Matrix Composite Radiation Shields](#) [69]

Ultramet

, CA 00000

Craig Ward (818) 899-0236

05-1-X2.01-8308 GRC

[Lightweight Ultrahigh Temperature CMC-Lined C/C Combustion Chambers](#) [70]

• **Colorado (18)**

ADA Technologies, Inc.

, CO 00000

Clifton Brown (303) 792-5615

05-1-X12.03-8217 GRC

[Effervescent Fine Water Mist Fire Extinguisher for Microgravity Environments](#) [71]

Boulder Nonlinear Systems, Inc.

, CO 00000

Mark Tanner (303) 604-0077

05-1-S2.01-7624 ARC

[Adaptive Computed Tomography Imaging Spectrometer](#) [72]

Colorado Power Electronics, Inc.

, CO 00000

Geoffrey Drummond (970) 482-0191

05-1-X10.01-8573 JPL

[High Efficiency Three Phase Resonant Conversion for Standardized Architecture Power System Applications](#) [73]

Colorado Power Electronics, Inc.

, CO 00000

Geoffrey Drummond (970) 482-0191

05-1-S8.04-9683 GRC

[Wide Output Range Power Processing Unit for Electric Propulsion](#) [74]

Eltron Research, Inc.

, CO 00000

Eileen Sammells (303) 530-0263

05-1-S8.04-9646 GRC

[Highly Durable Catalysts for Ignition of Advanced Monopropellants](#) [75]

Eltron Research, Inc.

, CO 00000

Eileen Sammells (303) 530-0263

05-1-A2.03-9642 GRC

[A Novel Cyclic Catalytic Reformer for Hydrocarbon Fuels](#) [76]

Environmental and Life Support Tech.

, CO 00000

Cliff Jolly (303) 840-4221

05-1-X12.07-7968 JSC

[Pilot-Scale Oxidation Catalysts](#) [77]

Firestar Engineering, LLC

, CO 00000

Ted Fisher (303) 439-2698

05-1-X2.02-7885 MSFC

[Rigidizing Inflatable Deployable Dwelling \(RIDDD\)](#) [78]

ITN Energy Systems, Inc.

, CO 00000

Janet Casteel (303) 285-5111

05-1-S8.05-8816 GSFC

[Multifunctional Energy Storage-Structure Modules for Advanced Space Structures](#) [79]

ITN Energy Systems, Inc.

, CO 00000

Janet Casteel (303) 285-5111

05-1-X12.02-8812 JSC

[Multifunctional Fibers for Energy Generation/Storage and Thermal Controls in Extravehicular Mobility Unity](#) [80]

Micro Analysis & Design, Inc.

, CO 00000

Deborah Koch (303) 442-6947

05-1-A1.01-9281 LaRC

[Cockpit-based Wake Vortex Visualization](#) [81]

Micro Analysis & Design, Inc.

, CO 00000

Kathleen Koshi (303) 442-6947

05-1-A3.01-9577 ARC

[Integrating Human Performance Metrics into the Future Air Traffic Management Concepts Evaluation Tool](#) [82]

MicroSat Systems, Inc.

, CO 00000

Brad Schneider (303) 285-1833

05-1-X8.02-9494 GSFC

[Adaptable and Reconfigurable Modular Systems \(GSFC\) - Plug and Play, Distributed Avionics](#) [83]

Mobile Energy Products, Inc.

, CO 00000

Za Johnson (719) 392-4266

05-1-S2.02-9266 JPL

[High Temperature Battery for In Situ Exploration of Venus](#) [84]

Pioneer Astronautics

, CO 00000

Robert Zubrin (303) 980-0890

05-1-X7.01-9692 MSFC

[Nitrous Paraffin Hybrid](#) [85]

Pioneer Astronautics

, CO 00000

Robert Zubrin (303) 980-0890

05-1-X7.02-9590 MSFC

[Mars McLOX Rocket Propulsion System](#) [86]

Pioneer Astronautics

, CO 00000

Robert Zubrin (303) 980-0890

05-1-X9.01-9561 JSC

[Lunar Materials Handling System](#) [87]

Technology Applications, Inc.

, CO 00000

Rolf Baumgartner (303) 443-2262

05-1-X9.01-9045 JSC

[Lunar In-Situ Volatile Extraction](#) [88]

• **Connecticut (2)**

Advanced Fuel Research, Inc.

, CT 00000

Michael Serio (860) 528-9806

05-1-X11.01-8223 LaRC

[Characterizing and Manufacturing Multifunctional Radiation Shielding Materials](#) [89]

Yardney Technical Products, Inc.

, CT 00000

David Harma (860) 599-1100

05-1-X3.02-8348 GRC

[A Phase I Program to Improve Low Temperature Performance of Lithium-Ion Batteries](#) [90]

• **Delaware (1)**

EM Photonics

, DE 00000

Eric Kelmelis (302) 456-9003

05-1-O2.03-9888 KSC

[Processor for Real-Time Atmospheric Compensation in Long-Range Imaging](#) [91]

• **Florida (12)**

Advanced Technologies Group, Inc.

, FL 00000

John Justak (772) 283-0253

05-1-X3.03-8000 MSFC

[Methane Liquid Level Sensor](#) [92]

Aeronix, Inc.

, FL 00000

Brian Brown (864) 506-0551

05-1-X1.04-8475 GRC

[Radiation Tolerant Reconfigurable/Reprogrammable 802.16 Communication System](#) [93]

Florida Turbine Technologies, Inc.

, FL 00000

James Brostmeyer (561) 746-3317

05-1-X7.02-9038 MSFC

[Physics-Based Pneumatic Hammer Instability Model](#) [94]

Mainstream Engineering Corporation

, FL 00000

Michael Rizzo (321) 631-3550

05-1-X6.03-9295 KSC

[Nanotube Adsorption for the Capture and Re-liquefaction of Hydrogen Biol-Off During Tanker Transfer Operations](#) [95]

Mainstream Engineering Corporation

, FL 00000

Michael Rizzo (321) 631-3550

05-1-X3.03-9273 JSC

[A New Wick Structure to Significantly Improve Heat Pipe Performance](#) [96]

Mainstream Engineering Corporation

, FL 00000

Michael Rizzo (321) 631-3550

05-1-S4.03-8320 MSFC

[Development of an Anti-Vibration Controller for Magnetic Bearing Cooling Systems](#) [97]

New Era Technology

, FL 00000

Sousan Anghaie (352) 380-9880

05-1-X10.02-8043 GRC

[Development and Evaluation of Mixed Uranium-Refractory Carbide/Refractory Carbide Cer-Cer Fuels](#) [98]

OptiGrate, Inc.

, FL 00000

Vadim Smirnov (407) 590-4889

05-1-S4.04-8021 GSFC

[High Resolving Power Volume Diffractive Gratings for 400-2700 nm Spectral Range](#) [99]

OptiGrate, Inc.

, FL 00000

Vadim Smirnov (407) 590-4889

05-1-S6.01-8020 LaRC

[Large Format Narrow Band High Throughput Optical Filters for 0.5-2.7](#) [100]

Soneticom, Inc.

, FL 00000

James Kingsley (321) 733-0400

05-1-O2.03-7829 KSC

[Range Surveillance Using Radio Interferometry and TDOA Techniques](#) [101]

Theseus Logic, Inc.

, FL 00000

Ryan Jorgenson (407) 282-9990

05-1-S7.03-8852 SSC

[WISS - Wireless, Intelligent Sensor System](#) [102]

Zyberwear, Inc.

, FL 00000

Oliver Edwards (407) 295-5955

05-1-S6.06-9139 JPL

[Compact High-Resolution Broad-Band Terahertz Fabry-Perot Spectrometer](#) [103]

• **Georgia (3)**

Aerotomy, Incorporated

, GA 00000

Chris Gibson (706) 413-1582

05-1-A3.01-7956 AFRC

[A Safe, Legal, and Autonomous See-and-Avoid System for UAVs](#) [104]

Earth Mapping International

, GA 00000

Bishwa Acharya (770) 963-8965

05-1-S7.02-8952 SSC

[Regional and Local Geoid Undulations for Computing Orthometric Heights from GPS Measurements](#) [105]

Spaceworks Engineering, Inc.(SEI)

, GA 00000

John Bradford (770) 379-8007

05-1-X14.01-8338 MSFC

[Simulating Emerging Space Industries with Agent-Based Modeling](#) [106]

• **Hawaii (1)**

Innovative Technical Solutions, Inc. dba NovaSol

, HI 00000

Rick Holasek (808) 441-3666

05-1-S6.03-8764 GSFC

[Broadband Advanced Spectral System](#) [107]

• **Idaho (1)**

Sentient Corporation

, ID 00000

Sean Marble (208) 522-8560

05-1-A1.04-9755 ARC

[Model Updating in Online Aircraft Prognosis Systems](#) [108]

• **Illinois (5)**

Applied Material Systems Engineering, Inc.

, IL 00000

Mukund (Mike) Deshpande (630) 372-9650

05-1-X10.04-9670 GRC

[Robust Engineered Thermal Control Material Systems for Crew Exploration Vehicle \(CEV\) and Prometheus Needs](#) [109]

Binachip, Inc.

, IL 00000

Prith Banerjee (847) 757-8708

05-1-O1.06-9806 GRC

[A Hardware/Software Design Environment for Reconfigurable Communication Systems](#) [110]

Epsilon Lambda Electronics Corporation

, IL 00000

Robert Knox (630) 293-7118

05-1-X1.03-9361 GSFC

[Rover Radar for Surface Navigation, Hazard Detection and Negative Obstacle Avoidance](#) [111]

Landauer, Inc.

, IL 00000

James O'Connell (708) 756-9555

05-1-X11.01-8848 JSC

[A Novel Space Radiation Dosimetry System for Manned Exploration Missions](#) [112]

Vega Wave Systems, Inc.

, IL 00000

Alan Sugg (630) 562-9433

05-1-S8.03-8696 JPL

[Heterojunction Bipolar Transistor Power Amplifiers for Long-Range X-band Communications](#) [113]

• **Indiana (4)**

En'Urga, Inc.

, IN 00000

Deepa Divakaran (765) 497-3269

05-1-A1.02-8892 GRC

[A Fire Detector for Monitoring Inaccessible Areas in Aircrafts](#) [114]

GFT, LLC

, IN 00000

Philip Griffith (260) 731-1450

05-1-X2.01-8036 LaRC

[Radiation Abating Highly Flexible Multifunctional Polyimide Cryogenic and Thermal Insulation](#) [115]

Space Hardware Optimization Technology, Inc.

, IN 00000

Mark Deuser (812) 923-9591

05-1-X11.01-9875 JSC

[Sample Management System for Heavy Ion Irradiation](#) [116]

Zeeko Technologies, LLC

, IN 00000

John Kelchner (765) 775-1010

05-1-S4.04-9574 MSFC

[Edge Control in Large Segmented Optics Using Zeeko Polishing Technology](#) [117]

• **Iowa (1)**

Vibroacoustics Solutions, Inc.

, IA 00000

Atul Kelkar (515) 292-3578

05-1-A1.04-8594 AFRC

[Aircraft Control Augmentation and Health Monitoring Using FADS Technology](#) [118]

• **Maryland (17)**

Brimrose Corporation of America

, MD 00000

Diane Murray (512) 303-2362

05-1-A2.04-8833 LaRC

[High Sensitivity Pulsed Laser Vibrometer for Aircraft Interior Noise Monitoring](#) [119]

Ceramic Composites, Inc.

, MD 00000

Sharon Fehrenbacher (410) 224-3710

05-1-S2.02-9617 JPL

[Venus Lander Experiment Vessel](#) [120]

Chesapeake Cryogenics, Inc.

, MD 00000

William Superczynski (410) 757-6616

05-1-S4.03-7763 ARC

[Advanced Regenerator for High Frequency Low Temperature Operation](#) [121]

Emergent Space Technologies, Inc.

, MD 00000

George Davis (301) 345-1535

05-1-X4.02-9854 GSFC

[System Engineering Process Realization Toolkit](#) [122]

Emergent Space Technologies, Inc.

, MD 00000

George Davis (301) 345-1535

05-1-S9.01-9856 ARC

[Distributed Plug-and-Play Planning and Scheduling System](#) [123]

Intelligent Automation, Inc.

, MD 00000

Mark James (301) 294-5221

05-1-A1.01-8659 LaRC

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, MA 00000

Stephen Daly (978) 250-3343

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, MA 00000

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Jerome Fanucci (781) 932-5667

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Seth Kessler (617) 661-5616

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Nunzi Sapuppo (857) 229-1414

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, MA 00000

Elmer Lupton (617) 242-0050

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NEMOmetrics Corp

, MA 00000

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Dianne Young (978) 887-6600

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Payload Systems, Inc.

, MA 00000

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Pamela Moriarty (617) 868-8086

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, MA 00000

B. David Green (978) 689-0003

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, MA 00000

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, MA 00000

Gerald Entine (617) 926-1167

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, MA 00000

William O'Donnell (617) 897-2408

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, MA 00000

Mary Roberto (978) 256-2070

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Science Research Laboratory, Inc.

, MA 00000

Jonah Jacob (617) 547-1122

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, MA 00000

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Mark Little (781) 275-6000

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Shahin Pourrahimi (781) 642-6702

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, MA 00000

Suri Sastri (781) 272-3969

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Triton Systems, Inc.

, MA 00000

Francis Veronesi (978) 250-4200

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, MA 00000

Shoko Yoshikawa (978) 772-0352

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, MI 00000

Satha Raveendra (734) 973-1600

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Cybernet Systems Corporation

, MI 00000

Daniel Jarrell (734) 668-2567

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Electrodynamics Applications, Inc.

, MI 00000

David Morris (734) 786-1434

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Serban Peteu (517) 485-1402

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• **Minnesota (5)**

NVE Corporation

, MN 00000

Richard George (952) 996-1602

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SIFT, LLC

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Christopher Miller (612) 716-4015

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, MN 00000

Leslie Price (952) 934-2100

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SVT Assoc

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Chung-Yi Tsai (612) 378-4985

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• **Montana (4)**

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, MT 00000

Philip Battle (406) 522-0388

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HyPerspectives, Inc.

, MT 00000

Robert Crabtree (406) 556-9880

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S&K Technologies, Inc.

, MT 00000

Dermot O'Halloran (406) 745-5720

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, MT 00000

David Opitz (406) 829-1384

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, NH 00000

Gordon Willett (603) 643-3800

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, NH 00000

Gordon Willett (603) 643-3800

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, NH 00000

Gordon Willett (603) 643-3800

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• **New Jersey (9)**

Continuum Dynamics, Inc.

, NJ 00000

Barbara Agans (609) 538-0444

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Diamond Materials, Inc.

, NJ 00000

Gary Tompa (973) 885-0805

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, NJ 00000

Daniel Kling (908) 237-1955

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NanoPulse LLC

, NJ 00000

Zafar Iqbal (973) 538-7996

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Ganesh Skandan (732) 868-1906

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Princeton Lightwave, Inc.

, NJ 00000

Mark Itzler (609) 495-2551

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Princeton Satellite Systems

, NJ 00000

Michael Paluszek (609) 279-9606

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Structured Materials Industries, Inc.

, NJ 00000

Gary Tompa (732) 302-9274

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Valcor Engineering Corporation

, NJ 00000

Harold Sorensen (973) 467-8400

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• **New Mexico (6)**

Adherent Technologies, Inc.

, NM 00000

Susan Switzer (505) 346-1685

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Applied Technology Associates

, NM 00000

Anthony Tenorio (505) 767-1203

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STAR Cryoelectronics LLC

, NM 00000

Robin Cantor (505) 424-6454

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, NM 00000

James Lopez (505) 342-4471

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Vista Photonics, Inc.

, NM 00000

Jeffrey Pilgrim (505) 466-3953

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Vista Photonics, Inc.

, NM 00000

Jeffrey Pilgrim (505) 466-3953

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• **New York (7)**

AMBP Tech Corp

, NY 00000

Nehal Chokshi (716) 447-2587

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Applied Biomathematics

, NY 00000

Lev Ginzburg (631) 751-4350

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Honeybee Robotics Ltd.

, NY 00000

Chris Chapman (644) 459-7802

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Honeybee Robotics Ltd.

, NY 00000

Chris Chapman (646) 459-7802

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Innovative Dynamics, Inc.

, NY 00000

Kumar Seetharam (607) 257-0533

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International Electronic Machines Corporation (IEM)

, NY 00000

Ryk Spoor (518) 449-5504

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MesoScribe Technologies, Inc.

, NY 00000

Jeffrey Brogan (631) 444-6455

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• **North Carolina (3)**

Advanced Liquid Logic, Inc.

, NC 00000

Richard West (919) 990-8566

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Microphase Coatings, Inc.

, NC 00000

William Simendinger (919) 779-7679

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Nightsky Systems, Inc.

, NC 00000

Carl Blaurock (919) 261-0936

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• **Ohio (12)**

Advanced Coatings International

, OH 00000

Steven Johnson (330) 794-6370

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Applied Sciences, Inc.

, OH 00000

Max Lake (937) 766-2020

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EDaptive Computing, Inc.

, OH 00000

Praveen Chawla (937) 281-0790

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Hyper Tech Research, Inc.

, OH 00000

Michael Tomsic (614) 481-8050

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KJB Consultants

, OH 00000

Kenneth Baumeister (440) 238-6861

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Lake Shore Cryotronics, Inc.

, OH 00000

Philip Swinehart (614) 891-2243

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Nastec, Inc.

, OH 00000

Richard Klein (216) 696-5157

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NexTech Materials, Ltd.

, OH 00000

William Dawson (614) 842-6606

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Sunpower, Inc.

, OH 00000

Faith Knutsen (740) 594-2221

05-1-X3.01-9845 GRC

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Sunpower, Inc.

, OH 00000

Faith Knutsen (740) 594-2221

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Sunpower, Inc.

, OH 00000

Faith Knutsen (740) 594-2221

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Wright Materials Research Co

, OH 00000

Seng Tan (937) 431-8811

05-1-X2.02-7984 JSC

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• **Oregon (6)**

Lightsmyth Technologies

, OR 00000

Thomas Mossberg (541) 431-0026

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Umpqua Research Company

, OR 00000

John Aker (541) 863-2655

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Umpqua Research Company

, OR 00000

John Aker (541) 863-2655

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Umpqua Research Company

, OR 00000

John Aker (541) 863-2655

05-1-X11.03-9545 GRC

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Voxel, Inc.

, OR 00000

George Williams (971) 223-5646

05-1-X1.03-9694 GSFC

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Voxel, Inc.

, OR 00000

Debra Ozuna (971) 223-5646

05-1-S6.07-9346 MSFC

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• **Pennsylvania (9)**

Advanced Cooling Technologies, Inc.

, PA 00000

Jon Zuo (717) 295-6058

05-1-X10.04-9170 JPL

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Advanced Cooling Technologies, Inc.

, PA 00000

Jon Zuo (717) 295-6058

05-1-X10.04-7882 GRC

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Combustion Research and Flow Technology

, PA 00000

Paula Schachter (215) 766-1520

05-1-X7.01-9200 MSFC

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Combustion Research and Flow Technology

, PA 00000

Paula Schachter (215) 766-1520

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Electron Energy Corporation

, PA 00000

Peter Dent (717) 898-2294

05-1-X7.03-9246 GRC

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GDA Corp.

, PA 00000

Stephanie Hulina (814) 237-4060

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Materials Research and Design

, PA 00000

Brian Sullivan (610) 964-6131

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AeroAstro, Inc.

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Kimberly Kohlhepp (617) 451-8630

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Dennis Lowenthal (425) 482-1100

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Randolph Schwarz (509) 539-8621

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- **Wisconsin (3)**

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Lori Koffarnus (608) 229-2731

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- **Wyoming (1)**

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, WY 00000

Zachary Gray (307) 672-5443

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