



Proposals Selected for Negotiation of Contracts

Expand All

- **(139)**

Acellent Technologies, Inc.

835 Stewart Drive

Sunnyvale, CA 94085

Amrita Kumar (214) 748-3647

04-2-X6.01-9889 MSFC

[SMART Tape For Structural Health Monitoring of Rocket Engines](#) [1]

Adherent Technologies, Inc.

9621 Camino del Sol NE

Albuquerque, NM 87111

Susan Switzer (214) 748-3647

04-2-A2.05-8813 GRC

[Surface Modification of Exfoliated Graphite Nano-Reinforcements](#) [2]

Advanced Cooling Technologies, Inc.

1046 New Holland Avenue

Lancaster, PA 17601

Jon Zuo (214) 748-3647

04-2-B3.01-8041 JSC

[Heat Pipe Heat Exchangers with Double Isolation Layers for Prevention of Interpath Leakage](#) [3]

Advanced Fuel Research, Inc.

87 Church Street

East Hartford, CT 06108

Michael Serio (214) 748-3647

04-2-B3.09-8760 LaRC

[Modeling, Testing and Deploying a Multifunctional Radiation Shielding / Hydrogen Storage Unit](#) [4]

Advanced Technologies Group, Inc.

, FL 00000

John Justak (214) 748-3647

04-2-X6.05-8235 MSFC

[A Cryogenic Flow Sensor](#) [5]

ADVR, Inc.

2310 University Way, Building 1

Bozeman, MT 59715

Philip Battle (214) 748-3647

04-2-E1.02-8411 GSFC

[Monolithic, High-Speed Fiber-Optic Switching Array for Lidar](#) [6]

Aerotech Research

11836 Fishing Point Drive, Suite 200

Newport News, VA 23606

Steven Velotas (214) 748-3647

04-2-A1.01-9778 LaRC

[An Integrated Turbulence Hazard Decision Aid for the Cockpit](#) [7]

AGILTRON Corporation

15 Cabot Road

Woburn, MA 01801

Lei Zhang (214) 748-3647

04-2-X2.07-8646 KSC

[High Transparent Metal Oxide / Polyimide Antistatic Coatings](#) [8]

AI Signal Research, Inc.

, AL 00000

Donald Smith (214) 748-3647

04-2-X6.01-9825 MSFC

[Novel Non-Intrusive Vibration Monitoring System for Turbopumps](#) [9]

American Remote Vision Company

, FL 00000

Stuart Gleman (214) 748-3647

04-2-X4.04-8132 KSC

[Non-Pyrotechnic Latch and Release System for Aerospace and Other Applications](#) [10]

American Semiconductor, Inc.

, ID 00000

Douglas Hackler (208) 336-2773

04-2-S1.04-8064 GSFC

[Low-Power, Rad-hard Reconfigurable, Bi-directional Flexfet](#) [11]

Amplification Technologies, Inc.

, NY 00000

WAYNE SEEMUNGAL (214) 748-3647

04-2-S5.03-7795 JPL

[Highly Sensitive Photon Counting Detectors for Deep Space Optical Communications](#) [12]

Anasphere, Inc.

6597 Maltse Lane, Unit D

Bozeman, MT 59718

John Bognar (214) 748-3647

04-2-E1.03-7930 GSFC

[Low-Power, Lightweight Cloud Water Content Sensor](#) [13]

Anvik Corporation

, NY 00000

Zachary Cosentino (214) 748-3647

04-2-S4.03-9587 JPL

[Fabrication of Radar Array Antennas Using Large-Area, High-Resolution Lithography-on-Flex](#) [14]

Applied Geosolutions, LLC

, NH 00000

William Salas (214) 748-3647

04-2-E4.01-9418 SSC

[Prototyping a Rangeland Decision Support System](#) [15]

Arkansas Power Electronics International, Inc.

, AR 00000

Sharmila Mounce (214) 748-3647

04-2-X2.05-8011 GRC

[Silicon-Carbide \(SiC\) Multichip Power Modules \(MCPMS\) For Power Building Block Applications](#) [16]

Arkansas Power Electronics International, Inc.

, AR 00000

Sharmila Mounce (214) 748-3647

04-2-E2.07-8058 JPL

[Ultra-Lightweight, High Efficiency Silicon-Carbide \(SiC\) Based Power Electronic Converters](#) [17]

Aspen Aerogels, Inc.

30 Forbes Road, Bldg. B

Northborough, MA 01532

Heather Crouse (214) 748-3647

04-2-X6.08-7817 KSC

[Aerogel Insulation to Support Cryogenic Technologies](#) [18]

Aspen Aerogels, Inc.

30 Forbes Road, Bldg. B

Northborough, MA 01532

Heather Crouse (214) 748-3647

04-2-X2.06-7680 MSFC

[Si-O-C Aerogels for TPS of Reentry Vehicles](#) [19]

Aurora Flight Sciences Corporation

9950 Wakeman Drive

Manassas, VA 20110

Pamela Moriarty (214) 748-3647

04-2-S1.04-9249 GSFC

[Real Time Control Software for Electromagnetic Formation Flight](#) [20]

Aurora Flight Sciences Corporation

9950 Wakeman Drive

Manassas, VA 20110

Pamela Moriarty (214) 748-3647

04-2-X2.02-7802 GRC

[Wide Range Neutron Detector](#) [21]

Barron Associates, Inc.

1410 Sachem Place, Suite 202

Charlottesville, VA 22901

David Ward (214) 748-3647

04-2-A1.03-8285 LaRC

[Real Time Monitoring and Test Vector Generation for Improved Flight Safety](#) [22]

Big Horn Valve, Inc.

, WY 00000

Robert Burgess (214) 748-3647

04-2-X2.04-9897 JSC

[In-Space Cryogenic VOST Connect/Disconnect](#) [23]

Biospherical Instruments, Inc.

, CA 00000

John Morrow (214) 748-3647

04-2-E1.03-7672 GSFC

[In Situ Microradiometers: Smaller, Faster, and Scalable to Hyperspectral](#) [24]

Boston Micromachines Corporation

, MA 00000

Paul Bierden (214) 748-3647

04-2-S3.02-9660 JPL

[High Resolution Silicon Deformable Mirrors](#) [25]

Brilliant Technology, Inc.

, TN 00000

Kevin Tseng (214) 748-3647

04-2-A1.04-8553 ARC

[Data Analysis Algorithm Suitable for Structural Health Monitoring Based on Dust Network](#) [26]

Broadata Communications, Inc.

2545 W. 237th Street, Suite K

Torrance, CA 90505

Cristina Spence (214) 748-3647

04-2-E2.02-8010 GSFC

[Universal Space IP Transparent Proxy](#) [27]

Busek Co., Inc.

11 Tech Circle

Natick, MA 01760

Judy Budny (214) 748-3647

04-2-S3.01-7863 JPL

[Radio Frequency Micro Ion Thruster for Precision Propulsion](#) [28]

Busek Co., Inc.

11 Tech Circle

Natick, MA 01760

Judy Budny (214) 748-3647

04-2-S1.02-8854 GRC

[Shared Magnetics Hall Thruster](#) [29]

Busek Co., Inc.

11 Tech Circle

Natick, MA 01760

Judy Budny (214) 748-3647

04-2-S1.04-8862 GSFC

[Micro Resistojet for Small Satellites](#) [30]

CFD Research Corporation

215 Wynn Drive, 5th Floor

Huntsville, AL 35805

Ashok Singhal (214) 748-3647

04-2-X6.05-7729 MSFC

[High Energy, Low Temperature Gelled Bi-Propellant Formulation for Long-Duration In-Space Propulsion](#) [31]

CFD Research Corporation

215 Wynn Drive, 5th Floor

Huntsville, AL 35805

Ashok Singhal (214) 748-3647

04-2-S1.02-9168 MSFC

[Aeroelastic Simulation Tool for Inflatable Ballute Aerocapture](#) [32]

Combustion Research and Flow Technology

6210 Keller's Church Road

Pipersville, PA 18947

Paula Schachter (214) 748-3647

04-2-X6.09-9119 SSC

[Simulations of Unsteady Effects and Dynamic Responses in Complex Valve Systems](#) [33]

Continuum Dynamics, Inc.

34 Lexington Avenue

Ewing, NJ 08618

Barbara Agans (214) 748-3647

04-2-A2.03-9221 GRC

[High Temperature Smart Structures for Engine Noise Reduction and Performance Enhancement](#) [34]

Continuum Dynamics, Inc.

34 Lexington Avenue

Ewing, NJ 08618

Barbara Agans (214) 748-3647

04-2-A2.07-8829 AFRC

[Distributed Flight Controls for UAVs](#) [35]

Cornerstone Research Group, Inc.

2750 Indian Ripple Road

Dayton, OH 45440

Patrick Hood (214) 748-3647

04-2-A2.06-9177 LaRC

[Reflexive Aero Structures for Enhanced Survivability](#) [36]

Cornerstone Research Group, Inc.

2750 Indian Ripple Road

Dayton, OH 45440

Patrick Hood (214) 748-3647

04-2-E2.03-9154 GRC

[Self-Deploying Gossamer Support Structure](#) [37]

Cox and Company, Inc.

, NY 00000

Joseph DeClemente (212) 366-0202

04-2-A1.02-7647 GRC

[An Alternative Ice Protection System for Turbine Engine Inlets](#) [38]

Diamond Data Systems

, LA 00000

Keith Alphonso (214) 748-3647

04-2-E3.03-8126 SSC

[Algorithms and Software Architecture for the Production of Information Products From LIDAR](#) [39]

DigitalSpace Corporation

, CA 00000

Bruce Damer (214) 748-3647

04-2-X5.02-9853 ARC

[Simulation-Based Lunar Telerobotics Design, Acquisition and Training Platform for Virtual Exploration](#) [40]

Electron Energy Corporation

, PA 00000

Peter Dent (214) 748-3647

04-2-A2.05-8222 GRC

[Novel High Temperature Magnetic Bearings for Space Vehicle Systems](#) [41]

EMAG Technologies, Inc.

, MI 00000

Kazem Sabet (214) 748-3647

04-2-E1.04-7825 GSFC

[An L-Band Radio Frequency Interference \(RFI\) Detection and Mitigation Testbed](#) [42]

Energid Technologies

124 Mount Auburn Street, Suite 200N

Cambridge, MA 02138

Neil Tardella (214) 748-3647

04-2-X5.01-8195 JPL

[Rapid Robot Design Validation](#) [43]

EPIR Technologies

590 Territorial Dr.

Bolingbrook, IL 60440

Sivalingam Sivananthan (214) 748-3647

04-2-S1.03-9701 LaRC

[Active Pixel HgCdTe Detectors With Built-in Dark Current Reduction for Near-Room Temperature Operation](#) [44]

ESI US R&D

, NV 00000

Jane Trenaman (214) 748-3647

04-2-A2.04-8649 LaRC

[Hybrid Prediction Method for Aircraft Interior Noise](#) [45]

Essential Research, Inc.

, OH 00000

William King (214) 748-3647

04-2-E2.06-8773 GRC

[High Efficiency Quantum Dot III-V Thermophotovoltaic Cell for Space Power](#) [46]

Evigia Systems, Inc.

, MI 00000

Navid Yazdi (214) 748-3647

04-2-B1.01-8892 GRC

[CMOS-MEMS Microgravity Accelerometer with High-Precision DC Response](#) [47]

Extreme Diagnostics, Inc.

2525 Arapahoe Avenue / Bldg. E4 #262

Boulder, CO 80302

Robert Owen (214) 748-3647

04-2-X4.03-9959 LaRC

[On-Orbit Health Monitoring and Repair Assessment of Thermal Protection Systems](#) [48]

Fetch Technologies

, CA 00000

Scott Battenburg (214) 748-3647

04-2-E3.01-8639 ARC

[A Constraint-Based Geospatial Data Integration System for Wildfire Management](#) [49]

Fiber Materials, Inc.

, ME 00000

David Audie (207) 282-5911

04-2-X2.06-9476 ARC

[Advanced Thermal Protection Systems \(ATPS\), Aerospace Grade Carbon Bonded Carbon Fiber Material](#) [50]

Genexpress Informatics, Inc.

, TX 00000

Rick Virgne (214) 748-3647

04-2-B3.03-9533 JSC

[Compact Transcranial Doppler \(TCD\) for Bioastronautics Research](#) [51]

Hbar Technologies, LLC

, IL 00000

Steven Howe (214) 748-3647

04-2-X6.07-9561 GRC

[Demonstration of Fission Product Retention in a Novel NTR Fuel](#) [52]

Hittite Microwave Corporation

20 Alpha Road

Chelmsford, MA 01824

Stephen Daly (214) 748-3647

04-2-E1.05-8490 JPL

[L and P Band MMIC T/R Module](#) [53]

Honeybee Robotics Ltd.

460 W 34th Street

New York, NY 10001

Chris Chapman (214) 748-3647

04-2-S4.02-8070 JPL

[Extreme Temperature Motor and Drill System](#) [54]

Hyper Tech Research, Inc.

1275 Kinnear Road

Columbus, OH 43212

Michael Tomsic (214) 748-3647

04-2-S2.03-8975 GSFC

[Magnesium Diboride Superconducting Coils for Adiabatic Demagnetization Refrigerators \(ADR's\)](#) [55]

HyPerComp Engineering, Inc.

, UT 00000

James Patterson (214) 748-3647

04-2-X2.04-7847 MSFC

[To Ensure the Integrity of the Cryogenic Propellant Depot Tank Within the Expected Radiation and Space Debris Environment](#) [56]

IA Tech, Inc.

, CA 00000

Ann Tai (214) 748-3647

04-2-X5.01-8382 JPL

[Flexible and Safe Control of Mobile Surface Systems](#) [57]

Infinity Fuel Cell and Hydrogen, LLC

, CT 00000

William Smith (214) 748-3647

04-2-X6.04-9644 GRC

[Advanced Product Water Removal and Management \(APWR\) Fuel Cell System](#) [58]

Intelligent Automation, Inc.

15400 Calhoun Drive, Suite 400

Rockville, MD 20855

Mark James (214) 748-3647

04-2-E3.05-8825 ARC

[Autonomous Collaborative Agents for Onboard Multi-Sensor Re-Targeting](#) [59]

Intelligent Fiber Optic Systems Corporation

, CA 00000

Behzad Moslehi (214) 748-3647

04-2-X4.01-9020 JSC

[Smart Skins and Tactile-Feedback Motion Control for Robotic Manipulators](#) [60]

Invocon, Inc.

19221 I-45 South, Suite 530

Conroe, TX 77385

Mary Pate (214) 748-3647

04-2-X4.03-8276 LaRC

[Distributed Impact Detection System](#) [61]

inXitu

, CA 00000

Philippe Sarrazin (214) 748-3647

04-2-S4.01-9068 ARC

[Powder Handling Device for X-ray Diffraction Analysis with Minimal Sample Preparation](#) [62]

ITN Energy Systems, Inc.

, CO 00000

Janet Casteel (214) 748-3647

04-2-E2.06-8384 GRC

[CuInGaAlSe2 Solar Absorbers On Flexible High-Temperature Substrates](#) [63]

KALSCOTT Engineering, Inc.

PO Box 3426

Lawrence, KS 66046

Tom Sherwood (214) 748-3647

04-2-A3.01-8856 AFRC

[Network Centric Transponders for Airspace Integration of UAVs](#) [64]

Kinetic Art and Technology Corporation

, IN 00000

Steve Brewer (214) 748-3647

04-2-X6.04-8429 GRC

[Application of Advanced Electromagnetic Arrays to High Efficiency, High Bandwidth, Redundant Linear Actuators](#) [65]

Lake Shore Cryotronics, Inc.

, OH 00000

Philip Swinehart (214) 748-3647

04-2-E1.01-8745 LaRC

[Mesoporous Silicon Far Infrared Filters](#) [66]

Lenterra, Inc.

, NJ 00000

Valery Sheverev (214) 748-3647

04-2-S4.01-9928 ARC

[Fast GC for Space Applications Based on PIES Technology](#) [67]

Luna Innovations Incorporated

1 Riverside Circle, Suite 400

Roanoke, VA 24016

Angela Keen (214) 748-3647

04-2-B4.01-8696 MSFC

[Nanostructured Fiber Optic Cantilever Arrays and Hybrid MEMS Sensors for Chemical and Biological Detection](#) [68]

Luxel Corporation

515 Tucker Avenue

Friday Harbor, WA 98250

Pat Wittkopp (214) 748-3647

04-2-S2.05-9854 GSFC

[Superconducting Thin-Film Interconnects for Cryogenic Photon Detector Arrays](#) [69]

Lynguent, Inc.

, OR 00000

Martin Vlach (214) 748-3647

04-2-S4.02-8406 JPL

[Model-Based Design Tools for Extending COTS Components To Extreme Environments](#) [70]

Lynntech, Inc.

7610 Eastmark Drive

College Station, TX 77840

Cindy Barnett (214) 748-3647

04-2-S2.02-9108 JPL

[In-Situ Production of Hydrogen for Buoyancy on Titan](#) [71]

Lynntech, Inc.

7610 Eastmark Drive

College Station, TX 77840

Cindy Barnett (214) 748-3647

04-2-B3.10-9123 JSC

[Novel Regenerative Carbon Analyzer for Water Quality Monitoring](#) [72]

Mainstream Engineering Corporation

200 Yellow Pl

Rockledge, FL 32955

Michael Rizzo (214) 748-3647

04-2-X2.06-8261 JSC

[Non-Toxic, Low Freezing, Drop-in Replacement Heat Transfer Fluids](#) [73]

Makel Engineering, Inc.

1585 Marauder Street

Chico, CA 95973

Darby Makel (214) 748-3647

04-2-X1.01-8632 MSFC

[In Situ Manufacturing of Plastics and Composites to Support H&R Exploration](#) [74]

Makel Engineering, Inc.

1585 Marauder Street

Chico, CA 95973

Darby Makel (214) 748-3647

04-2-X1.03-8561 JSC

[Integrated Microchannel Reformer/Hydrogen Purifier for Fuel Cell Power Systems](#) [75]

Materials Resources International

811 West 5th Street, Unit 2

Lansdale, PA 19446

Ronald Smith (214) 748-3647

04-2-X4.04-9708 KSC

[Nano-Phase Powder Based Exothermic Braze Repair Technology For RCC Materials](#) [76]

MER Corporation

, AZ 00000

James Withers (214) 748-3647

04-2-X3.01-7964 JSC

[DWNT/Hydrogenated Fullerene Reinforced Polyethylene for Radiation Shielding Applications](#) [77]

Mesoscopic Devices LLC

, CO 00000

Christine Martin (214) 748-3647

04-2-E1.07-8287 JPL

[Advanced Pumps and Cold Plates for Two-Phase Cooling Loops](#) [78]

Metron Aviation, Inc.

45300 Catalina Court, Suite 101

Dulles, VA 20166

Seth Blackwell (214) 748-3647

04-2-A1.01-9734 LaRC

[Distributed Command/Control Impacts on NAS Operations](#) [79]

Michigan Engineering Services, LLC

2890 Carpenter Road, Suite 1900

Ann Arbor, MI 48108

Christina Vlahopoulos (214) 748-3647

04-2-X8.02-9911 ARC

[Multidisciplinary Design Under Uncertainty for Entry Vehicles](#) [80]

Mobitrum Corporation

8070 Georgia Avenue, Suite 207

Silver Spring, MD 20910

Ray Wang (214) 748-3647

04-2-E4.03-9992 SSC

[Adaptive Wireless Transceiver](#) [81]

Mobitrum Corporation

8070 Georgia Avenue, Suite 207

Silver Spring, MD 20910

Ray Wang (214) 748-3647

04-2-X6.09-9927 SSC

[Distributed Wireless Sensor Data Acquisition and Control System](#) [82]

Modern Computational Technologies, Inc.

, OH 00000

Umesh Chandra (214) 748-3647

04-2-X1.01-8023 JSC

[Finite Element Models for Electron Beam Freeform Fabrication Process](#) [83]

Mosaic ATM, Inc.

801 Sycolin Road, Suite 212

Leesburg, VA 20175

Chris Brinton (214) 748-3647

04-2-A3.01-8498 ARC

[Surface Operations Data Analysis and Adaptation Tool](#) [84]

N&R Engineering

, OH 00000

Vinod Nagpal (214) 748-3647

04-2-A2.05-9466 GRC

[Physics-Based Probabilistic Design Tool with System-Level Reliability Constraint](#) [85]

nanoComposix, Inc.

, CA 00000

Steven Oldenburg (214) 748-3647

04-2-E1.07-9391 MSFC

[Advanced Heat Transfer Fluids](#) [86]

Nanohmics, Inc.

6201 East Oltorf Street, Suite 400

Austin, TX 78741

Keith Jamison (214) 748-3647

04-2-X6.03-7770 LaRC

[Novel Color Depth Mapping Imaging Sensor System](#) [87]

Nanotrope, Inc.

, CA 00000

Donald Ackley (214) 748-3647

04-2-B2.03-9148 JSC

[A Nanodroplet Processor for Advanced Microencapsulated Drug Formulations](#) [88]

Novawave Technologies

900 Island Drive, Suite 101

Redwood City, CA 94065

James Scherer (214) 748-3647

04-2-B2.01-8002 ARC

[Compact, High Accuracy CO2 Monitor](#) [89]

NP Photonics, Inc.

9030 S. Rita Road

Tucson, AZ 85747

James Fountain (214) 748-3647

04-2-E1.02-8978 LaRC

[Compact 2 Micron Seed Laser](#) [90]

Opti-MS Corporation

, MS 00000

David Ermer (214) 748-3647

04-2-S4.05-9960 ARC

[Miniature Time of Flight Mass Spectrometer for Space and Extraterrestrial Applications](#) [91]

Orbital Technologies Corporation

Space Center, 1212 Fourier Drive

Madison, WI 53717

Thomas Crabb (214) 748-3647

04-2-B3.07-9224 KSC

[High Efficiency Lighting with Integrated Adaptive Control \(HELIAC\)](#) [92]

Orbital Technologies Corporation

Space Center, 1212 Fourier Drive

Madison, WI 53717

Thomas Crabb (214) 748-3647

04-2-B1.03-8694 MSFC

[Improved Lunar and Martian Regolith Simulant Production](#) [93]

Orbital Technologies Corporation

Space Center, 1212 Fourier Drive

Madison, WI 53717

Eric Rice (214) 748-3647

04-2-X1.02-8480 KSC

[Low-energy Planetary Excavator \(LPE\)](#) [94]

Orbits Lightwave, Inc.

, CA 00000

Yaakov Shevy (214) 748-3647

04-2-S2.06-9070 JPL

[Ultra Low Noise 1.06 Micron Laser Oscillator](#) [95]

Phoenix Integration

1715 Pratt Drive, Suite 2000

Blacksburg, VA 24060

Brett Malone (214) 748-3647

04-2-X8.01-8873 JPL

[Modeling Based Decision Support Environment](#) [96]

Physical Optics Corporation

20600 Gramercy Place, Bldg. 100

Torrance, CA 90501

Gordon Drew (214) 748-3647

04-2-E3.04-8588 GSFC

[3D Multi-Channel Networked Visualization System for National LambdaRail](#) [97]

Physical Optics Corporation

20600 Gramercy Place, Bldg. 100

Torrance, CA 90501

Gordon Drew (214) 748-3647

04-2-A1.01-9516 LaRC

[Three-Dimensional Cockpit Display System for Improved Situational Awareness](#) [98]

Pioneer Astronautics

11111 W. 8th Avenue, Unit A

Lakewood, CO 80215

Robert Zubrin (214) 748-3647

04-2-X1.03-9548 KSC

[Mars Integrated Propellant Production System](#) [99]

Power Electronics Leveling Solutions LLC

, AR 00000

Juan Balda (214) 748-3647

04-2-E1.07-8911 GSFC

[Modular Spray-Cooled Assemblies for High Heat Fluxes](#) [100]

QED Technologies, Inc.

, NY 00000

Carolyn Russell (214) 748-3647

04-2-S2.04-8440 GSFC

[Subaperture Stitching Interferometry for Large Convex Aspheric Surfaces](#) [101]

Quantum Logic Devices

, TX 00000

Louis Brousseau (214) 748-3647

04-2-B2.03-8663 JSC

[Single Electron Transistor Platform for Microgravity Proteomics](#) [102]

Radiometrics Corporation

, CO 00000

fredrick solheim (214) 748-3647

04-2-A1.02-8077 GRC

[Advanced Radiometer For Cloud Liquid Water and Aircraft Icing Detection](#) [103]

RAPT Industries, Inc.

46535 Fremont Blvd.

Fremont, CA 94538

Pradeep Subramanyan (214) 748-3647

04-2-S2.04-9566 MSFC

[Rapid Damage-Free Shaping of Lightweight SiC Using Reactive Atom Plasma \(RAP\) Processing](#) [104]

Remote Sensing Solutions, Inc.

3179 Main Street, Unit 3, P.O. Box 1092

Barnstable, MA 02630

Jim Canniff (214) 748-3647

04-2-E1.05-8343 GSFC

[A Novel Low-Cost Dual-Wavelength Precipitation Radar Sensor Network](#) [105]

Research South, Inc.

, AL 00000

Lawrence Spradley (214) 748-3647

04-2-A2.08-9752 AFRC

[Unstructured Mesh Movement and Viscous Mesh Generation for CFD-Based Design Optimization](#) [106]

Rolling Hills Research Corporation

420 N. Nash Street

El Segundo, CA 90245

Brian Kramer (214) 748-3647

04-2-A2.07-8111 AFRC

[Revolutionary Performance For Ultra Low Reynolds Number Vehicles](#) [107]

SciberQuest, Inc.

2130 Via Mar Valle

Del Mar, CA 92014

Homa Karimabadi (214) 748-3647

04-2-S1.05-9852 GSFC

[Computing Infrastructure and Remote, Parallel Data Mining Engine for Virtual Observatories](#) [108]

Scientific Systems Company, Inc.

500 West Cummings Park, Suite 3000

Woburn, MA 01801

Robert Simpson (214) 748-3647

04-2-X7.02-7723 ARC

[Onboard Space Autonomy Through Integration of Health Management and Control Reconfiguration](#) [109]

Sest, Inc.

, OH 00000

Ashwin Shah (214) 748-3647

04-2-E2.06-8702 GRC

[Milliwatt Radioisotope Stirling Convertor](#) [110]

SI2 Technologies, Inc.

, MA 00000

Joseph Kunze (214) 748-3647

04-2-E1.05-9679 JPL

[Flexible T/R Modules for Large-Aperture, Space-Based SAR](#) [111]

Sierra Engineering, Inc.

, NV 00000

Margo Hornung (214) 748-3647

04-2-X6.01-8118 MSFC

[Triaxial Swirler Liquid Injector Development](#) [112]

SMD Corporation

, VA 00000

Curtis Mitchell (214) 748-3647

04-2-A2.04-9386 LaRC

[Advanced Acoustic Blankets for Improved Aircraft Interior Noise Reduction](#) [113]

Softronics Ltd.

, IA 00000

Robert Sternowski (214) 748-3647

04-2-S4.02-9279 JPL

[High Temperature Telemetry Transmitter for Venus Exploration](#) [114]

Space Micro, Inc.

10401 Roselle Street, Ste 400

San Diego, CA 92121

David Strobel (214) 748-3647

04-2-X7.01-9687 GSFC

[Fault Tolerant, Radiation Hard DSP](#) [115]

Starsys Research Corporation

, CO 00000

Glenda Erskin (214) 748-3647

04-2-X5.01-8176 JPL

[Lightweight Gearbox Technology](#) [116]

StarVision Technologies, Inc.

, TX 00000

Michael Jacox (214) 748-3647

04-2-X6.03-7903 JSC

[LandingNav: Terrain Guided Automated Precision Landing](#) [117]

Stottler Henke Associates, Inc.

951 Mariner's Island Blvd., Suite 360

San Mateo, CA 94404

Carolyn Maxwell (214) 748-3647

04-2-X7.03-9393 JSC

[Adaptive Distributed Environment for Procedure Training](#) [118]

Structured Materials Industries, Inc.

201 Circle Drive N., Suite 102-103

Piscataway, NJ 08854

Gary Tompa (214) 748-3647

04-2-X2.03-7576 MSFC

[Silicon Germanium Alloy Photovoltaics for 1.06 Micron Wireless Power Transmission](#) [119]

TDA Research, Inc.

12345 W. 52nd Avenue

Wheat Ridge, CO 80033

John Wright (214) 748-3647

04-2-X3.01-8100 JSC

[An Advanced Rapid Cycling CO2 and H2O Control System for PLSS](#) [120]

TDA Research, Inc.

12345 W. 52nd Avenue

Wheat Ridge, CO 80033

John Wright (214) 748-3647

04-2-B3.06-8032 ARC

[Control of Solid Waste Using Low Temperature Oxidation](#) [121]

Tech-X Corporation

5621 Arapahoe Avenue, Suite A

Boulder, CO 80303

John Cary (214) 748-3647

04-2-S1.05-9216 GSFC

[High-Performance Data Analysis Tools for Sun-Earth Connection Missions](#) [122]

Tietronix Software, Inc.

1331 Gemini, Suite 300

Houston, TX 77058

Michel Izygon (214) 748-3647

04-2-X7.02-8598 JSC

[Procedure Verification and Validation Toolset](#) [123]

TPL, Inc.

, NM 00000

James Lopez (214) 748-3647

04-2-A2.06-8361 LaRC

[Power for Vehicle Embedded MEMS Sensors](#) [124]

Triple F, Inc.

, IA 00000

Michael Dixon (214) 748-3647

04-2-B3.04-7609 JSC

[Development of a Multipurpose Extruder/Press Food Processing System](#) [125]

TRS Ceramics, Inc.

2820 East College Avenue

State College, PA 16801

Wesley Hackenberger (214) 748-3647

04-2-E1.01-8221 LaRC

[Advanced Electroactive Single Crystal and Polymer Actuators for Passive Optics](#) [126]

Ultramet

12173 Montague Street

Pacoima, CA 91331

Craig Ward (214) 748-3647

04-2-X2.06-7753 JSC

[Lightweight Ultrahigh Temperature CMC-Encased C/C Structure for Reentry and Hypersonic Applications, Phase II](#) [127]

UMPQUA Research Company

PO Box 609

Myrtle Creek, OR 97457

John Aker (214) 748-3647

04-2-B3.01-8208 MSFC

[Methane Pyrolysis for Hydrogen & Carbon Nanotube Recovery from Sabatier Products](#) [128]

UMPQUA Research Company

PO Box 609

Myrtle Creek, OR 97457

John Aker (214) 748-3647

04-2-B3.06-9299 ARC

[Catalytic Decomposition of Gaseous Byproducts from Heat Melt Waste Compaction](#) [129]

United Applied Technologies, Inc.

, AL 00000

Larry Bradford (214) 748-3647

04-2-X2.03-7987 MSFC

[Thin Film Flat Panel Off-Axis Solar Concentrator with Flux Distribution](#) [130]

Utopiacompression, Corporation

, CA 00000

Jacob Yadegar (214) 748-3647

04-2-B5.02-8260 MSFC

[Intelligence-Based Multi-Resolution 3D Visual Modeling, Registration And Obstacle Avoidance Capabilities For Unmanned Vehicles](#) [131]

Virginia Diodes, Inc.

979 Second Street, SE

Charlottesville, VA 22902

Thomas Crowe (214) 748-3647

04-2-S2.01-9515 JPL

[Metal Mesh Filters for Terahertz Receivers](#) [132]

Visidyne, Inc.

, MA 00000

John Bates (214) 748-3647

04-2-X6.03-8421 LaRC

[Optical Landing Hazard Sensor](#) [133]

Vista Photonics, Inc.

67 Condesa Road

Santa Fe, NM 87508

Jeffrey Pilgrim (214) 748-3647

04-2-B1.01-9908 GRC

[High-Performance Contaminant Monitor for Spacecraft](#) [134]

VPT, Inc.

, VA 00000

Dan Sable (214) 748-3647

04-2-X2.05-9703 JSC

[Modular Power System Configured with Standard Product Hybrid DC-DC Converters](#) [135]

Wasatch Photonics, Inc.

, UT 00000

F. G. Lindsay Burton (214) 748-3647

04-2-E1.02-9711 GSFC

[Holographic Wavefront Correction for ShADOE LIDAR Receivers](#) [136]

ZIN Technologies, Inc.

6745 Engle Road

Middleburg Hts, OH 44130

Alan Chmiel (214) 748-3647

04-2-B3.05-8305 GRC

[Compact Wireless BioMetric Monitoring and Real Time Processing System](#) [137]

Zona Technology, Inc.

9489 E. Ironwood Square Drive

Scottsdale, AZ 85258

Darius Sarhaddi (214) 748-3647

04-2-A2.08-8819 AFRC

[Model Updating Nonlinear System Identification Toolbox](#) [138]

ZYVEX Corporation

, TX 00000

Sha-Chelle Manning (214) 748-3647

04-2-B1.03-9315 MSFC

[Advanced Structural Nanomaterials for Astronaut Radiation Protection](#) [139]

