



Proposals Selected for Negotiation of Contracts

Expand All

- **A1 Aviation Safety (44)**

AdValue Photonics, Inc.

3708 East Columbia Street, Suite 100

Tucson, AZ 85714

Shibin Jiang (520) 790-5468

11-2-S1.01-9200 LaRC

[Tunable Single Frequency 2.05 Micron Fiber Laser Using New Ho-Doped Fiber](#) [1]

AdValue Photonics, Inc.

3708 East Columbia Street, Suite 100

Tucson, AZ 85714

Shibin Jiang (520) 790-5468

11-2-S1.01-9199 LaRC

[1.55 Micron High Peak Power Fiber Amplifier](#) [2]

Advanced Cooling Technologies, Inc.

1046 New Holland Avenue

Lancaster, PA 17601

Jon Zuo (717) 295-6061

11-2-X8.03-9866 GRC

[Innovative High Temperature Heat Pipes for Spacecraft Nuclear Fission Systems](#) [3]

Advanced Scientific Concepts, Inc.

135 East Ortega Street

Santa Barbara, CA 93101

JoAnn Stettner (805) 966-3331

11-2-S5.01-8780 JPL

[3D Flash LIDAR Space Laser](#) [4]

Area-I, Inc.

1590 North Roberts Road, Suite 203

Kennesaw, GA 30144

Nicholas Alley (678) 594-5227

11-2-A1.15-9362 LaRC

[Dynamically Scaled Modular Aircraft for Flight-Based Aviation Safety Research](#) [5]

Aspen Aerogels, Inc.

30 Forbes Road, Building B

Northborough, MA 01532

Nancy Moroz (508) 691-1161

11-2-X10.01-9295 GRC

[Thin Aerogel as a Spacer in Multi-Layer Insulation for Cryogenic Space Applications](#) [6]

ATA Engineering, Inc.

11995 El Camino Real

San Diego, CA 92130

Eric Blades (256) 325-1116

11-2-A2.03-9148 GRC

[Deployable Engine Air-Brake for Drag Management Applications](#) [7]

Busek Company, Inc.

11 Tech Circle

Natick, MA 01760

Judy Budny (508) 655-5565

11-2-X2.03-8838 GRC

[Iodine Hall Thruster for Space Exploration](#) [8]

Composite Technology Development, Inc.

2600 Campus Drive, Suite D

Lafayette, CO 80026

Lori Bass (303) 664-0394

11-2-O2.04-8904 MSFC

[Microcrack Resistant Matrix Materials for Out-of-Autoclave Processing of Composite Cryogenic Tanks](#) [9]

Creare, Inc.

P.O. Box 71

Hanover, NH 03755

James Barry (603) 643-3800

11-2-X3.04-9372 JSC

[Water Recovery for Regenerative Life Support Systems](#) [10]

Deployable Space Systems, Inc.

75 Robin Hill, Building B2

Goleta, CA 93117

Brian Spence (805) 722-8090

11-2-O3.03-8466 JSC

[Cost-Effective ISS Space-Environment Technology Validation of Advanced Roll-Out Solar Array \(ROSA\)](#) [11]

Dynamic Structures and Materials, LLC

114 SE Parkway Court Suite 160

Franklin, TN 37064

Jennifer Sturgis (615) 595-6665

11-2-X10.01-8575 JSC

[Reliable Actuator for Cryo Propellant Fluid Control](#) [12]

EM Photonics, Inc.

51 East Main Street, Suite 203

Newark, DE 19711

Eric Kelmelis (302) 456-9003

11-2-A4.02-8060 AFRC

[Advanced Long-Range Video Capabilities Using Speckle Imaging Techniques](#) [13]

Emergent Space Technologies, Inc.

6411 Ivy Lane, Suite 303

Greenbelt, MD 20770

David Gaylor (303) 656-9035

11-2-O4.02-8761 GSFC

[TASS-Enhanced Near Earth Navigation System](#) [14]

Garvey Spacecraft Corporation

389 Haines Avenue

Long Beach, CA 90814

John Garvey (562) 498-2984

11-2-O2.01-8344 KSC

[Alternative Hydrocarbon Propulsion for Nano / Micro Launch Vehicle](#) [15]

GeoVisual Technologies, Inc.

1525 Spruce Street, Suite 200

Boulder, CO 80304

Jeffrey Orrey (303) 955-1575

11-2-S6.02-8836 SSC

[Automated Semantic Enrichment for Data Discovery and Decision Support](#) [16]

Giner, Inc.

89 Rumford Avenue

Newton, MA 02466

Anthony Vaccaro (781) 529-0504

11-2-O3.03-9856 JSC

[Dead-Ended Passive Electrolyzer with Elimination of Vapor/Liquid Separation for Life Support Oxygen](#) [17]

Intelligent Optical Systems, Inc.

2520 West 237th Street

Torrance, CA 90505

Reuben Sandler (424) 263-5305

11-2-X13.01-9228 ARC

[Cell Phone-based Lateral Flow Assay for Blood Biomarker Detection](#) [18]

International Scientific Technologies, Inc.

P.O. Box 757

Dublin, VA 24084

Wanda Gibson (540) 633-1424

11-2-O3.04-8031 SSC

[Polyoxometalate and Zirconium-Phosphate Conversion Coating for Steel Piping](#) [19]

Leaping Catch, LLC

379 Cheney Highway, #223

Titusville, FL 32780

Sandra Clements (321) 385-9224

11-2-X2.01-8250 MSFC

[Seeing Sound - Image Analysis of the Lift-off Acoustic Field](#) [20]

Makel Engineering, Inc.

1585 Marauder Street

Chico, CA 95973

Darby Makel (530) 895-2771

11-2-S1.09-8483 GRC

[Harsh Environment Gas Sensor Array for Venus Atmospheric Measurements](#) [21]

Maryland Aerospace, Inc.

2138 Priest Bridge Court, Suite 3

Crofton, MD 21114

Steve Fujikawa (410) 451-2505

11-2-S3.06-9905 GSFC

[Integrated CubeSat ADACS with Reaction Wheels and Star Tracker](#) [22]

Mosaic ATM, Inc.

801 Sycolin Road, Suite 306

Leesburg, VA 20175

Chris Stevenson (540) 405-8576

11-2-A5.01-9500 AFRC

[Rapid Automated Mission Planning System](#) [23]

Munro and Associates, Inc.

1749 Northwood

Troy, MI 48084

Brian McCloskey (248) 362-5110

11-2-A3.01-8478 LaRC

[An ADS-B derived ATC linked ER System for NextGen Safety](#) [24]

Nanolab, Inc.

179 Bear Hill Road

Waltham, MA 02451

David Carnahan (781) 609-2722

11-2-S2.02-8177 JPL

[Nanostructured Super-Black Optical Materials](#) [25]

Nitronex Corporation

2305 Presidential Drive

Durham, NC 27703

Neil Craig (919) 424-5192

11-2-O1.05-9304 JPL

[X-Band GaN Power Amplifiers for Long Range Space RF Telecommunications](#) [26]

NxGen Electronics, Inc.

9771 Clairemont Mesa Boulevard, Suite C

San Diego, CA 92124

Ron Casten (858) 430-1112

11-2-S1.02-9217 JPL

[Low-Cost Beamforming SiGe MMIC Receivers at mm-Wave](#) [27]

Optimal Synthesis, Inc.

95 First Street, Suite 240

Los Altos, CA 94022

Victor Cheng (650) 559-8585

11-2-A3.01-8393 ARC

[Novel Surveillance Technologies for Airport Ramp Area Operations](#) [28]

PC Krause and Associates, Inc.

3000 Kent Avenue, Suite C1-100

West Lafayette, IN 47906

Davida Parks (765) 464-8997

11-2-S3.05-8573 GRC

[Simulation Environment for Power Management and Distribution Development](#) [29]

Photon Systems, Inc.

1512 Industrial Park Street

Covina, CA 91722

William Hug (626) 967-6431

11-2-S1.09-9466 JPL

[Ultra-Compact Optical Spectrometer for Organic Mapping. uCOSOM \(microcosm\)](#) [30]

Prime Photonics, LC

1116 South Main Street

Blacksburg, VA 24060

Steve Poland (540) 961-2200

11-2-S1.06-8828 GSFC

[Bulk Metallic Glass for Low Noise Fluxgate](#) [31]

Q-Peak, Inc.

135 South Road

Bedford, MA 01730

B. David Green (978) 689-0003

11-2-A1.01-8718 LaRC

[Low-Cost Lidar for Wake-Vortex and Other Hazard Detection](#) [32]

QmagiQ, LLC

22 Cotton Road, Unit H, Suite 180

Nashua, NH 03063

Mani Sundaram (603) 821-3092

11-2-S1.04-8604 GSFC

[High Quantum Efficiency 1024x1024 Longwave Infrared SLS FPA and Camera](#) [33]

Qualtech Systems, Inc.

99 East River Drive

East Hartford, CT 06108

Sudipto Ghoshal (860) 761-9341

11-2-X6.03-8772 ARC

[Integrated System Health Management for Flexible Exploration](#) [34]

Qualtech Systems, Inc.

99 East River Drive

East Hartford, CT 06108

Sudipto Ghoshal (860) 761-9341

11-2-S6.05-8416 MSFC

[Software Tools for Fault Management Technologies](#) [35]

Radiation Monitoring Devices, Inc.

44 Hunt Street

Watertown, MA 02472

Marisa Eva (617) 668-6854

11-2-S1.09-9261 MSFC

[Next Generation Gamma/Neutron Detectors for Planetary Science](#) [36]

Space Micro, Inc.

10237 Flanders Court

San Diego, CA 92121

David Strobel (858) 332-0700

11-2-S5.05-9055 JPL

[Digitally Intensive DC-DC Converter for Extreme Space Environments](#) [37]

Stottler Henke Associates, Inc.

1670 South Amphlett Boulevard, Suite 310

San Mateo, CA 94402

Nate Henke (650) 931-2700

11-2-X14.01-9176 JSC

[Serious Games for Team Training](#) [38]

Systems Technology, Inc.

13766 Hawthorne Boulevard

Hawthorne, CA 90250

Thomas Myers (310) 679-2281

11-2-A2.04-8418 LaRC

[Reduced Order Aeroservoelastic Models with Rigid Body Modes](#) [39]

TechnoScience Corporation

P.O. Box 60658

Palo Alto, CA 94306

Jam Farhoomand (650) 838-9833

11-2-S1.04-9763 JPL

[A Low Noise 64x64 Germanium Array for Far IR Astronomy](#) [40]

TRAC Labs, Inc.

100 North East Loop 410, Suite 520

San Antonio, TX 78216

David Kortenkamp (281) 461-7886

11-2-X7.02-8186 JSC

[A Planning and Control Toolkit for Dual Arm Manipulation](#) [41]

UMPQUA Research Company

P.O. Box 609

Myrtle Creek, OR 97457

John Aker (541) 863-2655

11-2-X3.02-9012 ARC

[Advanced Microgravity Compatible, Integrated Laundry System](#) [42]

Xigen, LLC

11001 Sugarbush Terrace

Rockville, MD 20852

Jason Geng (301) 910-9788

11-2-X4.03-9880 GRC

[A Novel Hemispherical and Dynamic Camera for EVAs](#) [43]

Xiomas Technologies, LLC

1317 Skyway Drive

Ypsilanti, MI 48197

John Green (734) 646-6535

11-2-S1.08-8082 ARC

[Thermal Mapping Airborne Simulator for Small Satellite Sensor](#) [44]

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