

Examples of MATERIALS Purchased at ORNL in FY 2016

| | Non-Marketplace | Marketplace | TOTAL |
|---|-----------------|----------------|-----------------|
| MATERIALS | | | |
| Agricultural Machinery and Equipment (weed eaters, blowers) | \$437,851.81 | \$4,377.51 | \$442,229.32 |
| Agricultural Supplies | \$96,906.45 | \$4,900.56 | \$101,807.01 |
| Aircraft/Drone (Unmanned Aircraft Systems) | \$44,400.00 | | \$44,400.00 |
| Alarm, Signal and Security Systems | \$535,261.83 | \$27,710.13 | \$562,971.96 |
| Ammunition, Explosives and Weapons | | \$6,912.84 | \$6,912.84 |
| Bearings | \$63,896.87 | \$12,827.72 | \$76,724.59 |
| Books, Maps and Other Publications | \$3,681,330.28 | \$1,440.80 | \$3,682,771.08 |
| Camcorders | | \$8,196.78 | \$8,196.78 |
| Cameras | \$80,293.76 | \$34,283.37 | \$114,577.13 |
| Chemicals and Chemical Products | \$1,544,110.10 | \$1,750,011.99 | \$3,294,122.09 |
| Chemicals, List 1 | \$32,650.00 | \$6,418.13 | \$39,068.13 |
| Cleaning Equipment and Supplies | \$54,332.03 | \$843,636.57 | \$897,968.60 |
| Clothing/Apparel, Textiles, Leather | \$186,163.00 | \$180,331.85 | \$366,494.85 |
| Communication (ex. phones, binoculars, telescopes), Detectio | \$44,326.52 | \$55,738.73 | \$100,065.25 |
| Computer, Accessories | \$2,989,321.41 | \$7,208,393.76 | \$10,197,715.17 |
| Computer, CPU | \$2,218,244.11 | \$713,759.98 | \$2,932,004.09 |
| Computer, Export Control/High Risk | \$66,204.80 | | \$66,204.80 |
| Computer, High Performance | \$7,130,568.54 | \$75,018.53 | \$7,205,587.07 |
| Computer, Laptop/Tablet | \$57,943.26 | \$792,223.22 | \$850,166.48 |
| Computer, Monitor | \$896.81 | \$689,468.67 | \$690,365.48 |
| Computer, Network (security & service equipment) | \$2,111,629.99 | \$1,926,775.50 | \$4,038,405.49 |
| Computer, Server | \$1,768,183.79 | \$2,031,472.09 | \$3,799,655.88 |
| Computer, System/Workstation | \$808,385.80 | \$5,911,850.98 | \$6,720,236.78 |
| Construction and Building Materials | \$272,842.81 | \$311,360.24 | \$584,203.05 |
| Consumer Electronics (ex. audio/visual equipment - radio, TV) | \$32,857.45 | \$188,004.61 | \$220,862.06 |
| Containers, Packaging, and Packing Supplies | \$496,561.84 | \$68,770.56 | \$565,332.40 |
| Containers, Portable Storage | \$55,154.22 | \$16,108.27 | \$71,262.49 |
| Containers, Waste | (\$8,787.61) | \$367.86 | (\$8,419.75) |
| Cylinders | \$114,807.51 | \$1,142,678.30 | \$1,257,485.81 |
| Decon Aids | \$410.00 | \$179.98 | \$589.98 |
| Duplicating and Printing Equipment | \$17,174.54 | \$12,775.18 | \$29,949.72 |
| Electric Wire and Power and Distribution Equipment | \$646,760.48 | \$2,822,674.71 | \$3,469,435.19 |
| Electrical and Electronic Equipment Components | \$3,319,539.55 | \$1,321,506.08 | \$4,641,045.63 |
| Engine Accessories | \$24,102.00 | \$1,614.63 | \$25,716.63 |
| Engines, Stationary (Emergency Generators, Compressors) | \$93,364.00 | \$216,732.04 | \$310,096.04 |
| Engines, Turbines and Components | \$4,011.00 | \$3,765.00 | \$7,776.00 |

Examples of MATERIALS Purchased at ORNL in FY 2016

| | Non-Marketplace | Marketplace | TOTAL |
|--|-----------------|----------------|-----------------|
| MATERIALS (cont'd) | | | |
| Equipment and Components, Vehicular | \$1,192,623.75 | \$8,437.53 | \$1,201,061.28 |
| Equipment, Construction, Mining, Excavating, Highway Maint | | \$118.34 | \$118.34 |
| Equipment, Industrial Manufacturing and Processing Machinery | \$2,385,224.20 | \$319,923.72 | \$2,705,147.92 |
| Equipment, Materials Handling inc. Hoisting & Rigging | \$657,038.36 | \$256,985.67 | \$914,024.03 |
| Equipment, Mechanical Power Transmission | \$56,553.60 | \$3,072.18 | \$59,625.78 |
| Equipment, Recreational and Athletic | \$38,592.92 | \$16,679.19 | \$55,272.11 |
| Equipment, Refrigeration, Air Conditioning & Air Circulating | \$1,144,242.85 | \$227,655.29 | \$1,371,898.14 |
| Ergonomic Aids | | \$99.00 | \$99.00 |
| Exhibits and Displays | \$38,258.44 | \$575.50 | \$38,833.94 |
| Export Control/High Risk - General | \$432,245.46 | | \$432,245.46 |
| Eye Wash Station and Safety Showers | | \$22,064.64 | \$22,064.64 |
| Fabrication | \$11,350,764.81 | \$113,049.47 | \$11,463,814.28 |
| Fall Protection and Rescue Equipment | \$135.75 | \$36,515.29 | \$36,651.04 |
| Fiber Optics Materials, Components, Assemblies and Accessori | \$341,764.38 | | \$341,764.38 |
| Fire Control Equipment | \$322,002.24 | \$3,917.30 | \$325,919.54 |
| Food & Beverage | \$1,360.00 | \$49,725.46 | \$51,085.46 |
| Food Preparation and Serving Equipment | \$16,737.49 | \$67,291.65 | \$84,029.14 |
| Fuels, Lubricants, Oils and Waxes | (\$925,371.94) | \$51,043.26 | (\$874,328.68) |
| Furnace, Steam Plant and Drying Equipment | \$90,822.56 | \$640,215.68 | \$731,038.24 |
| Furniture | \$107,494.91 | \$1,613,295.36 | \$1,720,790.27 |
| Government Printing Office (GPO) Use Only | \$28,784.06 | | \$28,784.06 |
| Hardware and Abrasives (ex. screws, nuts, bolts, washers) | \$160,535.85 | \$2,001,889.87 | \$2,162,425.72 |
| Hardware Maintenance | \$267,942.39 | \$906,740.30 | \$1,174,682.69 |
| HEPA Filters | \$7,937.05 | \$696.60 | \$8,633.65 |
| HEPA Vacuum Cleaners and Filters | \$6,182.09 | \$3,313.35 | \$9,495.44 |
| Household and Commercial Furnishings and Appliances | \$87,170.54 | \$127,245.88 | \$214,416.42 |
| Isotopes, Non-Radioactive | \$8,707,417.48 | \$148,754.91 | \$8,856,172.39 |
| Isotopes, Radioactive | \$379,385.54 | \$549.60 | \$379,935.14 |
| Laboratory Equipment and Instruments | \$35,104,691.47 | \$4,305,152.76 | \$39,409,844.23 |
| Ladders | \$35,706.00 | \$6,753.00 | \$42,459.00 |
| Lasers/Laser Systems | \$153,165.71 | \$3,716.03 | \$156,881.74 |
| Lease - Equipment | \$27,532.62 | | \$27,532.62 |
| Lease - Trailers | \$3,967.97 | | \$3,967.97 |
| Lighting Fixtures and Lamps | \$390.00 | \$108,613.19 | \$109,003.19 |
| Lumber, Millwork, Plywood and Veneer | \$55,345.75 | \$41,768.83 | \$97,114.58 |
| Manlifts | \$23,292.00 | | \$23,292.00 |

Examples of MATERIALS Purchased at ORNL in FY 2016

| | Non-Marketplace | Marketplace | TOTAL |
|--|-----------------|----------------|----------------|
| MATERIALS (cont'd) | | | |
| Medical, Dental, and Veterinary Equipment and Supplies | \$214,301.34 | \$158,398.97 | \$372,700.31 |
| Metal Bars, Sheets and Shapes | \$248,276.67 | \$255,815.14 | \$504,091.81 |
| Miscellaneous - Codes No Longer in Use M | \$3,758,848.51 | 1108515.27 | \$4,867,363.78 |
| Motor Vehicles, Trailers and Cycles | \$1,168,429.29 | | \$1,168,429.29 |
| Nonmetallic Crude Materials | \$146,085.81 | \$372.39 | \$146,458.20 |
| Nonmetallic Fabricated Materials | \$271,446.81 | \$912.91 | \$272,359.72 |
| Office Machines (ex. fax, paper shredder, copier, etc.) | (\$191.00) | \$54,446.43 | \$54,255.43 |
| Office Supplies | \$307,429.52 | \$1,414,753.74 | \$1,722,183.26 |
| Ores, Minerals and their Primary Products | \$97,743.11 | \$81.47 | \$97,824.58 |
| Paint and Paint-Related Supplies | \$20,772.06 | \$51,681.13 | \$72,453.19 |
| Personal Protective Equipment (PPE) | \$8,338.15 | \$76,448.15 | \$84,786.30 |
| Photographic Equipment and Supplies (excluding cameras) | \$22,374.15 | \$4,017.62 | \$26,391.77 |
| Pipe, Tubing, Hose and Fittings | \$291,379.58 | \$2,143,026.51 | \$2,434,406.09 |
| Plumbing Supplies | \$12,265.93 | \$336,941.09 | \$349,207.02 |
| Precious Metals | \$73,655.58 | \$105,354.26 | \$179,009.84 |
| Prefabricated Structures and Scaffolding | \$158,538.07 | \$26,512.07 | \$185,050.14 |
| Printer | \$102,323.41 | \$137,003.38 | \$239,326.79 |
| Projectors | \$5,514.00 | \$44,250.24 | \$49,764.24 |
| Promotional Items | \$6,396.13 | | \$6,396.13 |
| Pumps and Compressors | \$1,011,454.21 | \$192,520.57 | \$1,203,974.78 |
| Radiation Devices (includes equipment w/sealed sources) | \$2,503,593.41 | \$53,897.59 | \$2,557,491.00 |
| Radio/Wireless Transmitting Equipment | \$84,076.62 | \$24.00 | \$84,100.62 |
| Radioactive Materials | \$199,378.08 | \$3,928.73 | \$203,306.81 |
| Rental - Equipment | \$460,023.82 | | \$460,023.82 |
| Respiratory Protection Equipment and Accessories | | \$202,652.10 | \$202,652.10 |
| Rope, Cable, Chain and Fittings | \$1,900.00 | \$15,355.30 | \$17,255.30 |
| Safety Footwear | \$305.95 | \$980.66 | \$1,286.61 |
| Safety, Environmental Prot., Fire Fighting, Rescue Equipment | \$119,345.66 | \$1,151,727.50 | \$1,271,073.16 |
| Sample Analysis | \$21,066.36 | | \$21,066.36 |
| Ships (boat motor, ship, small water craft, pontoon) | | \$694.74 | \$694.74 |
| Software Maintenance | \$2,219,511.70 | \$1,029,424.33 | \$3,248,936.03 |
| Software, Commercial-off-the-Shelf (COTS) | \$2,892,485.33 | \$1,180,171.18 | \$4,072,656.51 |
| Software, Configurable/Custom-Developed | \$98,271.71 | \$133.16 | \$98,404.87 |
| Tires and Tubes | | \$247.53 | \$247.53 |
| Tools (ex. hand tools, measuring tools, power tools) | \$179,008.99 | \$5,689,384.29 | \$5,868,393.28 |
| Tractors | \$131,722.00 | | \$131,722.00 |
| Training Aids and Devices | \$78,780.74 | \$19,412.32 | \$98,193.06 |

| | | | |
|---|-------------------------|------------------------|-------------------------|
| Valves (Safety and Relief) | \$215,152.30 | \$603,629.21 | \$818,781.51 |
| | Non-Marketplace | Marketplace | TOTAL |
| MATERIALS (cont'd) | | | |
| Vision Protection, Glasses | | \$435.01 | \$435.01 |
| Water Purification and Sewage Treatment Equipment | \$228,091.09 | \$90,467.87 | \$318,558.96 |
| Welding Equipment | \$135,279.49 | \$35,799.00 | \$171,078.49 |
| Welding Supplies | | \$661.18 | \$661.18 |
| Subtotal for Materials | \$108,815,009.83 | \$55,668,223.06 | \$164,483,232.89 |

Examples of SERVICES Purchased at ORNL in FY 2016

| SERVICES | Non-Marketplace | Marketplace | TOTAL |
|--|------------------------|--------------------|-----------------|
| Auditing Services | \$272,928.85 | | \$272,928.85 |
| Building Architect and Engineering Sevices | \$1,401,226.75 | | \$1,401,226.75 |
| Calibration | \$229,193.26 | | \$229,193.26 |
| Construction Services | \$17,440,230.28 | | \$17,440,230.28 |
| Dismantling, Demolition, or Removal of Improvements | \$388,786.43 | | \$388,786.43 |
| DOE Owned Building/Facility Maintenance Services | \$9,734,625.50 | \$27,150.34 | \$9,761,775.84 |
| DOE Transfer | \$65,433,234.83 | | \$65,433,234.83 |
| Education and Training Services | \$4,087,868.82 | | \$4,087,868.82 |
| Engineering Services | \$29,019,931.69 | | \$29,019,931.69 |
| Equipment, Installation of | \$2,856,341.75 | | \$2,856,341.75 |
| Facility/Building Maintenance Services | \$742,529.26 | | \$742,529.26 |
| Hardware Maintenance | \$9,887,420.08 | \$545,113.50 | \$10,432,533.58 |
| Individual Subcontractor | \$228,435.35 | | \$228,435.35 |
| Individual Subcontractor with HR & Legal Approval | \$215,341.00 | | \$215,341.00 |
| Individual Subcontractor with HR Approval | \$436,552.40 | | \$436,552.40 |
| Individual Subcontractor with Legal Approval | \$185,979.60 | | \$185,979.60 |
| Information Technology and Telecommunications Services | \$16,973,311.69 | | \$16,973,311.69 |
| InterAgency Agreements | \$71,172.54 | | \$71,172.54 |
| Lease - Facilities | \$13,449,176.25 | | \$13,449,176.25 |
| Lease - Portable Storage Containers | \$14,071.04 | | \$14,071.04 |
| Leased Facility - Maintenance, Repair and Alteration | \$21,342,592.79 | | \$21,342,592.79 |
| Maintenance, Repair and Alteration - UTBDC | \$209,205.00 | | \$209,205.00 |
| Medical Services | \$225,999.31 | | \$225,999.31 |
| Memorandum Purchase Order | \$91,304,774.83 | | \$91,304,774.83 |
| Memorandum Purchase Order-ORISE | \$22,283,487.32 | | \$22,283,487.32 |
| Miscellaneous - Codes No Longer in Use S | \$1,201,358.13 | | \$1,201,358.13 |
| Natural Resources and Conservation Services | \$480,227.06 | | \$480,227.06 |

Examples of **SERVICES** Purchased at ORNL in FY 2016

| | Non-Marketplace | Marketplace | TOTAL |
|--|-------------------------|------------------------|-------------------------|
| SERVICES (cont'd) | | | |
| Photographic, Mapping, Printing and Publication Services | \$1,884,936.59 | | \$1,884,936.59 |
| Professional, Administrative and Management Services | \$32,428,257.13 | | \$32,428,257.13 |
| Quality Control, Testing and Inspection | \$439,266.89 | | \$439,266.89 |
| Research & Development (R&D) | \$43,798,795.82 | | \$43,798,795.82 |
| Shipping/Handling | \$1,428,573.77 | \$1,253.61 | \$1,429,827.38 |
| Software Maintenance | \$12,858,561.58 | \$499,006.66 | \$13,357,568.24 |
| Staff Augmentation | \$5,770,984.32 | | \$5,770,984.32 |
| Studies and Laboratory Analysis | \$37,698,399.16 | | \$37,698,399.16 |
| Technical Services | \$30,959,033.92 | | \$30,959,033.92 |
| Transportation Services | \$1,125,944.30 | | \$1,125,944.30 |
| Universities - (Other than UT) GO! Program | \$1,680,726.19 | | \$1,680,726.19 |
| Universities - (Other than UT) Joint Faculty | \$423,884.23 | | \$423,884.23 |
| Universities - (Other than UT) R&D | \$23,057,663.26 | | \$23,057,663.26 |
| Universities - (UT) Governor's Chair | \$523,858.01 | | \$523,858.01 |
| Universities - (UT) Joint Faculty | \$4,108,401.44 | | \$4,108,401.44 |
| Universities - (UT) R&D | \$20,458,646.46 | | \$20,458,646.46 |
| Universities- (UT) GO! Program | \$346,957.46 | | \$346,957.46 |
| Utilities | \$2,366,808.78 | | \$2,366,808.78 |
| Waste (Hazardous, Radioactive, etc.) and Recycle | \$656,282.27 | | \$656,282.27 |
| Waste Disposal | \$4,925.00 | | \$4,925.00 |
| Waste Transport | \$500.00 | | \$500.00 |
| Subtotal for Services | \$532,137,408.39 | \$1,072,524.11 | \$533,209,932.50 |
| ORNL TOTAL | \$640,952,418.22 | \$56,740,747.17 | \$697,693,165.39 |