Air Force Nuclear Weapons Center

Overview

The Air Force Nuclear Weapons Center (AFNWC) is the nuclear-focused center within Air Force Materiel Command (AFMC) synchronizing all aspects of nuclear materiel management in direct support of Air Force Global Strike Command (AFGSC).

Headquartered at Kirtland Air Force Base, New Mexico, the center has 18 locations worldwide and consists of four major execution directorates: Air Delivered Capabilities; Intercontinental Ballistic Missile (ICBM) Systems; Nuclear Command, Control, and Communications (NC3) Integration; and Nuclear Technology and Interagency.

Spend Analysis

The following pages highlight the areas where money was spent over the three year period of FY18 – FY20 within AFNWC. All data is publically available via the Federal Procurement Data System (FPDS).

Overall Spend

The following table shows the overall spend at AFNWC from FY18 – FY20, broken down by the portion that was awarded to other than small businesses vs. small businesses.

	FY18 Total	FY19 Total	FY20 Total
Other Than Small Business	$1,037,418,312.96	$1,334,865,378.14	$1,505,010,836.70
Small Business	$61,187,972.89	$62,535,619.76	$54,804,717.91
Total	$1,098,606,285.85	$1,397,400,997.90	$1,559,815,554.61

Center-wide Top 50 NAICS to Small Business (FY18 – FY20)

The following table shows the top 50 NAICS codes procured across all AFNWC locations during the years FY18 – FY20. This data is for Small Business contractors only.

NAICS	Description	FY20 Spend	# FY20	FY19 Spend	# FY19	FY18 Spend	#FY18
541330	ENGINEERING SERVICES	$10,900,237	27	$14,435,892	34	$12,603,496	18
561210	FACILITIES SUPPORT SERVICES	$9,060,301	7	$8,671,937	5	$8,392,000	7
541712	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)	$7,024,921	13	$6,516,732	17	$4,320,118	15
238910	SITE PREPARATION CONTRACTORS	$6,709,263	2	$0	0	$0	0

NAICS	Description					
334290	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING	$4,489,360	1	$5,258,905	5	$13,396,464	12
541519	OTHER COMPUTER RELATED SERVICES	$2,988,106	23	$0	0	$0	1
541715	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY)	$2,285,087	5	$2,322,864	4	$4,370,208	2
334220	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING	$2,262,837	5	$4,829,114	4	$2,131,816	1
541990	ALL OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES	$1,876,998	8	$1,180,239	3	$1,116,479	5
335912	PRIMARY BATTERY MANUFACTURING	$1,154,000	11	$1,328,566	8	$1,189,389	4
336419	OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING	$1,052,847	6	$2,997,299	1	$0	0
541511	CUSTOM COMPUTER PROGRAMMING SERVICES	$968,839	7	$579,390	1	$721,644	5
334210	TELEPHONE APPARATUS MANUFACTURING	$821,557	5	$600,900	8	$4,574,770	7
334515	INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS	$796,716	1	$777,595	2	$1,389,030	5
562211	HAZARDOUS WASTE TREATMENT AND DISPOSAL	$765,988	1	$1,031,478	5	$0	0
561110	OFFICE ADMINISTRATIVE SERVICES	$553,071	3	$427,962	7	$623,143	4
541513	COMPUTER FACILITIES MANAGEMENT SERVICES	$509,162	2	$364,897	2	$500,406	4
334111	ELECTRONIC COMPUTER MANUFACTURING	$399,422	6	$538,617	8	$303,516	5
511210	SOFTWARE PUBLISHERS	$286,494	3	$0	0	$0	0
541219	OTHER ACCOUNTING SERVICES	$255,828	3	$17,782	1	$109,658	3
336413	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING	$230,001	20	$1,815,512	23	$211,938	10
511130	BOOK PUBLISHERS	$98,220	2	$0	0	$0	0
333313	OFFICE MACHINERY MANUFACTURING	$81,634	1	$0	0	$0	0
322230	STATIONERY PRODUCT MANUFACTURING	$65,201	2	$5,530	1	$0	0
443120	COMPUTER AND SOFTWARE STORES	$52,702	1	$0	0	$6,949	3

Code	Description	Amount	Number	Amount	Number	Amount	Number
811212	COMPUTER AND OFFICE MACHINE REPAIR AND MAINTENANCE	$41,507	3	$4,740,337	2	$126,139	3
333999	ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING	$37,235	5	$0	0	$0	0
339940	OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING	$31,215	2	$5,996	1	$0	0
423420	OFFICE EQUIPMENT MERCHANT WHOLESALERS	$15,392	2	$152,250	1	$0	0
423710	HARDWARE MERCHANT WHOLESALERS	$7,280	1	$0	0	$0	0
332311	PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING	$0	0	$1,879,678	9	$3,696,090	2
238210	ELECTRICAL CONTRACTORS AND OTHER WIRING INSTALLATION CONTRACTORS	$0	6	$1,344,365	1	$0	0
423610	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS	$0	1	$356,788	3	$590,637	3
339944	CARBON PAPER AND INKED RIBBON MANUFACTURING	$0	0	$110,672	3	$0	0
333298	ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING	$0	0	$62,356	1	$0	0
334519	OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING	$0	0	$54,800	2	$0	0
337211	WOOD OFFICE FURNITURE MANUFACTURING	$0	0	$28,670	2	$0	0
337214	OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING	$0	0	$28,164	4	$0	0
611420	COMPUTER TRAINING	$0	0	$23,760	2	$0	0
811310	COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE	$0	0	$23,143	2	$143,298	1
561499	ALL OTHER BUSINESS SUPPORT SERVICES	$0	0	$6,780	1	$0	0
337127	INSTITUTIONAL FURNITURE MANUFACTURING	$0	0	$1,668	2	$0	0
337215	SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING	$0	0	$0	2	$240,440	2
334419	OTHER ELECTRONIC COMPONENT MANUFACTURING	$0	0	$0		$43,460	1
332710	MACHINE SHOPS	$0	0	$0		$0	2

334413	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING	$0	2	$0	0	$0	0
541711	RESEARCH AND DEVELOPMENT IN BIOTECHNOLOGY	$0	1	$0	2	$0	2
334310	AUDIO AND VIDEO EQUIPMENT MANUFACTURING	-$150	1	$14,980	1	$0	0
517110	WIRED TELECOMMUNICATIONS CARRIERS	-$1,916	1	$0	0	$0	0
333923	OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING	-$7,688	1	$0	2	$386,886	2

Center-wide Top 50 PSC Codes to Small Business (FY18 – FY20)

The following table shows the top 50 Product and Service codes procured across all AFNWC locations during the years FY18 – FY20. This data is for Small Business contractors only.

PCS	Description	FY20 Spend	# FY20	FY19 Spend	# FY19	FY18 Spend	#FY18
R425	SUPPORT- PROFESSIONAL: ENGINEERING/TECHNICAL	$21,640,782	44	$22,618,169	41	$18,223,367	20
AC21	R&D- DEFENSE SYSTEM: MISSILE/SPACE SYSTEMS (BASIC RESEARCH)	$7,024,921	12	$4,939,480	9	$1,749,720	3
Y1BG	CONSTRUCTION OF ELECTRONIC AND COMMUNICATIONS FACILITIES	$6,709,263	7	$0	0	$0	0
6350	MISCELLANEOUS ALARM, SIGNAL, AND SECURITY DETECTION SYSTEMS	$4,489,360	1	$5,313,705	7	$13,396,464	12
R408	SUPPORT- PROFESSIONAL: PROGRAM MANAGEMENT/SUPPORT	$2,754,361	4	$357,276	4	$349,260	2
7030	INFORMATION TECHNOLOGY SOFTWARE	$2,366,216	17	$0	0	$0	0
R706	SUPPORT- MANAGEMENT: LOGISTICS SUPPORT	$2,207,327	3	$4,829,114	4	$2,131,816	1
AC24	R&D- DEFENSE SYSTEM: MISSILE/SPACE SYSTEMS (ENGINEERING DEVELOPMENT)	$1,699,056	1	$0	0	$0	0
7050	INFORMATION TECHNOLOGY COMPONENTS	$1,263,306	13	$0	0	$0	0
D325	IT AND TELECOM- DATA CENTERS AND STORAGE	$1,175,780	6	$944,287	3	$1,222,050	9
6135	BATTERIES, NONRECHARGEABLE	$1,154,000	11	$1,328,566	8	$1,189,389	4
R429	SUPPORT- PROFESSIONAL: EMERGENCY RESPONSE/DISASTER PLANNING/PREPAREDNESS SUPPORT	$765,988	1	$1,031,478	5	$767,219	4

Code	Description					
D319	IT AND TELECOM- ANNUAL SOFTWARE MAINTENANCE SERVICE PLANS	$744,177	1	$0	0	$0	0
AE32	R&D- ECONOMIC GROWTH: MANUFACTURING TECHNOLOGY (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)	$586,031	1	$0	0	$0	0
R699	SUPPORT- ADMINISTRATIVE: OTHER	$553,071	3	$427,962	7	$623,143	4
7025	INFORMATION TECHNOLOGY INPUT/OUTPUT AND STORAGE DEVICES	$301,357	3	$0	0	$0	0
R499	SUPPORT- PROFESSIONAL: OTHER	$292,776	18	$445,634	21	$2,785,620	19
7010	INFORMATION TECHNOLOGY EQUIPMENT SYSTEM CONFIGURATION	$185,322	8	$5,365,072	13	$436,604	11
7110	OFFICE FURNITURE	$113,334	3	$321,534	14	$240,440	2
L076	TECHNICAL REPRESENTATIVE- BOOKS, MAPS, AND OTHER PUBLICATIONS	$98,220	2	$0	0	$0	0
AZ13	R&D- OTHER RESEARCH AND DEVELOPMENT (ADVANCED DEVELOPMENT)	$56,176	1	$0	0	$0	0
5821	RADIO AND TELEVISION COMMUNICATION EQUIPMENT, AIRBORNE	$55,510	2	$0	0	$0	0
R413	SUPPORT- PROFESSIONAL: SPECIFICATIONS DEVELOPMENT	$45,000	3	$3,995,131	7	$1,324,267	7
7820	GAMES, TOYS, AND WHEELED GOODS	$37,235	5	$0	0	$0	0
5975	ELECTRICAL HARDWARE AND SUPPLIES	$31,259	1	$0	0	$0	0
7035	INFORMATION TECHNOLOGY SUPPORT EQUIPMENT	$30,594	1	$0	0	$0	0
7490	MISCELLANEOUS OFFICE MACHINES	$19,495	1	$114,615	3	$0	0
7290	MISCELLANEOUS HOUSEHOLD AND COMMERCIAL FURNISHINGS AND APPLIANCES	$19,000	2	$0	0	$0	0
6625	ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENTS	$18,670	1	$0	0	$169,657	2
1135	FUZING AND FIRING DEVICES, NUCLEAR ORDNANCE	$0	1	$2,997,299	1	$0	0
5440	SCAFFOLDING EQUIPMENT AND CONCRETE FORMS	$0	0	$1,879,678	9	$3,696,090	2
AJ43	R&D- GENERAL SCIENCE/TECHNOLOGY: ENGINEERING (ADVANCED DEVELOPMENT)	$0	2	$1,401,132	3	$4,370,208	2
N059	INSTALLATION OF EQUIPMENT- ELECTRICAL AND ELECTRONIC EQUIPMENT COMPONENTS	$0	1	$1,344,365	1	$0	0
AD92	R&D- DEFENSE OTHER: OTHER (APPLIED	$0	1	$921,732	1	$0	0

Code	Description	$	#	$	#	$	#
	RESEARCH/EXPLORATORY DEVELOPMENT)						
5630	PIPE AND CONDUIT, NONMETALLIC	$0	1	$356,788	3	$590,637	3
5805	TELEPHONE AND TELEGRAPH EQUIPMENT	$0	0	$113,250	1	$4,574,770	6
7520	OFFICE DEVICES AND ACCESSORIES	$0	0	$63,281	2	$0	0
7020	INFORMATION TECHNOLOGY CENTRAL PROCESSING UNIT (CPU, COMPUTER, ANALOG)	$0	0	$52,862	1	$0	0
J074	MAINT/REPAIR/REBUILD OF EQUIPMENT- OFFICE MACHINES/TEXT PROCESSING SYS/VISIBLE RECORD EQUIPMENT	$0	0	$23,143	2	$0	0
7220	FLOOR COVERINGS	$0	0	$6,930	1	$0	0
D316	IT AND TELECOM- TELECOMMUNICATIONS NETWORK MANAGEMENT	$0	0	$6,780	1	$0	0
1420	GUIDED MISSILE COMPONENTS	$0	0	$0	0	$372,893	1
J036	MAINT/REPAIR/REBUILD OF EQUIPMENT- SPECIAL INDUSTRY MACHINERY	$0	0	$0	0	$143,298	1
5963	ELECTRONIC MODULES	$0	0	$0	0	$43,460	1
3408	MACHINING CENTERS AND WAY-TYPE MACHINES	$0	0	$0	0	$0	2
AC12	R&D- DEFENSE SYSTEM: AIRCRAFT (APPLIED RESEARCH/EXPLORATORY DEVELOPMENT)	$0	1	$0	2	$0	2
AD93	R&D- DEFENSE OTHER: OTHER (ADVANCED DEVELOPMENT)	$0	2	$0	0	$0	0
AJ45	R&D- GENERAL SCIENCE/TECHNOLOGY: ENGINEERING (OPERATIONAL SYSTEMS DEVELOPMENT)	$0	0	$0	1	$0	0
J099	MAINT/REPAIR/REBUILD OF EQUIPMENT- MISCELLANEOUS	$0	0	$0	0	$0	1
AJ14	R&D- GENERAL SCIENCE/TECHNOLOGY: PHYSICAL SCIENCES (ENGINEERING DEVELOPMENT)	$0	0	$0	0	-$3,284	3