

**AGENCY OPERATIONS AND
AWARD MANAGEMENT**

\$373,020,000
+\$43,020,000 / 13.0%

Summary of Agency Operations and Award Management

(Dollars in Millions)

	FY 2015 Actual	FY 2016 Estimate	FY 2017 Request	Change over FY 2016 Estimate	
				Amount	Percent
Personnel Compensation and Benefits ¹	\$199.63	\$215.53	\$219.55	\$4.02	1.9%
Management of Human Capital	8.08	10.00	10.20	0.20	2.0%
Travel	5.51	5.45	5.45	-	-
Information Technology	27.18	21.99	25.60	3.61	16.4%
Space Rental	34.00	34.17	32.44	-1.73	-5.1%
Operating Expenses	15.78	20.86	22.40	1.54	7.4%
Building and Administrative Services	13.69	13.07	14.09	1.02	7.8%
NSF HQ Relocation	2.70	8.93	43.29	34.36	384.8%
Total, AOAM	\$306.56	\$330.00	\$373.02	\$43.02	13.0%

Totals may not add due to rounding.

¹ Funding levels for PC&B reflect direct appropriated funds only. In FY 2015, \$5.98 million in Administrative Cost Recoveries (ACRs) were received bringing the total PC&B obligation to \$205.61 million. Approximately \$5.82 million in ACRs are expected each year to meet the total PC&B requirement of \$221.35 million in FY 2016 and \$225.37 million in FY 2017.

Investments in the Agency Operations and Award Management (AOAM) account continue to be an NSF priority. This activity provides the fundamental framework through which the Foundation's science and engineering research and education programs are administered.

AOAM investments support NSF Strategic Goal 3: Excel as a Federal Science Agency. AOAM's priorities are framed by two strategic objectives:

- Strategic Objective 1: Build an increasingly diverse, engaged, and high-performing workforce by fostering excellence in recruitment, training, leadership, and management of human capital; and
- Strategic Objective 2: Use effective methods and innovative solutions to achieve excellence in accomplishing the agency's mission.

NSF AOAM Workforce

NSF AOAM Workforce					
(Full-Time Equivalent (FTE) and Other Staff)					
	FY 2015	FY 2016	FY 2017	Change over	
	Actual	Estimate	Request	FY 2016 Estimate	Amount
					Percent
NSF AOAM FTE Allocation					
NSF AOAM -- Regular	1,310	1,310	1,310	-	-
NSF AOAM -- Pathways Intern	42	42	42	-	-
Subtotal, FTE Allocation	1,352	1,352	1,352	-	-
NSF AOAM FTE Usage					
NSF AOAM -- Regular	1,255	1,310	1,310	-	-
NSF AOAM -- Pathways Intern	30	42	42	-	-
Subtotal, FTE Usage	1,285	1,352	1,352	-	-
Detailees to NSF	3	3	3	-	-
Total, Workforce (Usage)	1,288	1,355	1,355	-	-

Totals may not add due to rounding.

NSF's FY 2017 FTE allocation of 1,352 represents no change from the FY 2016 Estimate. The FY 2017 estimated FTE usage is held equal to the FY 2016 Estimate of 1,310 regular and 42 Pathways FTE.

The regular FTE usage total includes the positions necessary to advise, coordinate, and centralize evaluation and data coordination activities associated with the NSF Evaluation and Assessment Capability, staff a Digital Service Team, and implement NSF's plans associated with the Digital Accountability and Transparency Act (DATA Act) and the Federal Information Technology Acquisition Reform Act (FITARA).

Personnel Compensation and Benefits (PC&B) (+\$4.02 million, to a total of \$225.37 million)

Personnel Compensation & Benefits

(Dollars in Millions)

	FY 2015 Actual	FY 2016 Estimate	FY 2017 Request	Change over FY 2016 Estimate	
				Amount	Percent
<i>Regular FTE Usage (projected)</i>	1,255	1,310	1,310	-	-
<i>Student FTE Usage (projected)</i>	30	42	42	-	-
Regular FTE Base Salary	\$154.96	\$164.80	\$166.53	\$1.73	1.0%
Student Salary	1.22	1.60	1.64	0.04	2.5%
Other Compensation ¹	1.84	2.40	2.40	-	-
Awards	2.01	1.92	1.91	-0.01	-0.5%
Subtotal, FTE Compensation	\$160.03	\$170.72	\$172.48	\$1.76	1.0%
Benefits	44.68	46.10	47.88	1.78	3.9%
Other Benefits ²	0.90	2.43	2.43	-	-
Subtotal, Benefits	\$45.58	\$48.53	\$50.31	\$1.78	3.7%
COLA ³	-	2.09	2.58	0.49	23.4%
Total, PC&B	\$205.61	\$221.35	\$225.37	\$4.02	1.8%
Source of Funds:					
AOAM Appropriation	199.63	215.53	219.55	4.02	1.9%
Administrative Cost Recoveries ⁴	5.98	5.82	5.82	-	-
Total, Resources for PC&B	\$205.61	\$221.35	\$225.37	\$4.02	1.8%

Totals may not add due to rounding.

¹ Includes reimbursable details to NSF and terminal leave.

² Includes Federal Employee's Compensation Act (FECA) funding, overseas rental housing and education allowance, transit subsidies, and employee relocations.

³ In FY 2016: includes nine months of the pay raise of 1.3 percent; which increases FTE Compensation costs by \$1.63 million and Benefits by \$457,000. In FY 2017: includes nine months of the projected pay raise of 1.6 percent; it increases FTE Compensation costs by \$2.01 million and Benefits by \$570,000.

⁴ ACR levels for FY 2016 and FY 2017 are estimated based on the levels in FY 2014.

The total FY 2017 Request amount for Personnel Compensation and Benefits (PC&B) of \$225.37 million represents an increase of \$4.02 million over NSF's FY 2016 Estimate. Funding for PC&B reflects funding from two sources: \$219.55 million in AOAM direct appropriated funds; and \$5.82 from Administrative Cost Recoveries (ACRs) received during the year.

The PC&B cost estimate will support the projected FY 2017 year-end usage of 1,310 regular full-time equivalent (FTE) employees, a total of 42 Pathways intern FTE, a projected FY 2017 pay raise of 1.6 percent, associated cost of benefits, general workforce performance awards (GWFPFA) set at one percent of the salary pool, and Senior Executive Service (SES) bonuses based on 7.5 percent of the SES salary pool. The FY 2017 estimate for PC&B also contains \$930,000 for the Federal Transit Benefits Program. Amounts necessary to cover required agency costs associated with the OPM data breach will also be funded from within the PC&B total.

Management of Human Capital (+\$200,000, to a total of \$10.20 million)

Management of Human Capital
(Dollars in Millions)

FY 2015	FY 2016	FY 2017	Change over	
			FY 2016 Estimate	
Actual	Estimate	Request	Amount	Percent
\$8.08	\$10.00	\$10.20	\$0.20	2.0%

This level of funding would enable NSF to maintain basic operational support activities, training and development programs essential for NSF’s permanent and rotator staff, and limited contractual support for human capital initiatives. These funds will be used to conduct NSF activities in support of the President’s Management Agenda, ensuring NSF is able to make progress in all areas of the government-wide People and Culture objectives. The \$10.20 million in the FY 2017 Request, an increase of \$200,000 over the FY 2016 Estimate, will support:

- +\$130,000, to a total of \$1.06 million for NSF’s basic HR systems accessed through shared service providers, such as the Federal Personnel Payroll System, the time and attendance system (WebTA), eRecruit capabilities using USAJobs, and an increased level of personnel security and suitability investigations for incoming staff.
- +\$700,000, to a total of \$3.20 million for the day-to-day operational support for recruiting, hiring, and on-boarding of permanent and rotating staff, as well as processing support for pay and benefits and incentive and other awards. The increase will provide additional support for these activities, including the adjudications of personnel security and suitability investigations, to help ensure a smooth transition of the workforce to NSF’s new headquarters in anticipation of increased staff turnover associated with the move.
- +\$105,000, to a total of \$920,000 for workplace and work-life support for employees through NSF’s health and family-friendly activities, including the Health Unit, Employee Assistance Program and child care subsidy. The additional funds will enable NSF to provide an increased level of support for employees as they transition to the new headquarters, including the need for health units in both the current and new headquarters due to the staggered nature of the move.
- +\$75,000, to a total of \$2.78 million for contracts in support of training and development programs, such as the Learning Management System, LearnNSF, and related on-line training capabilities, as well as support for training and networking activities including the NSF mentoring program, executive and supervisory training, and program management training. The increase will support training and development activities designed to help ensure that the workforce, including permanent and rotating staff, as well as new supervisors and executives, are equipped with the tools needed to transition to the new headquarters with minimal impact on mission accomplishment.
- A total of \$200,000 (no change) for other program support (including outreach and licenses for key on-line reference materials, etc.).
- -\$810,000, to a total of \$2.05 million for strategic human capital support contracts. This decrease in funding is possible due to NSF’s planned investment in business intelligence and other tools, supported in the FY 2016 Estimate, which are anticipated to reduce the cost of contract support. NSF relies on strategic human capital support contracts for assistance in developing new approaches to critical human resource needs including those identified and highlighted in NSF’s Strategic Review process, Strategic Goal 3: Excel as a Scientific Federal Agency, Strategic Objective 1: Build an increasingly diverse, engaged high performing workforce by fostering excellence in recruitment, training, leadership, and human capital management.

The FY 2017 funding level for Management of Human Capital will allow NSF to complete the implementation of a set of high-priority explicit strategies, begun in FY 2015 and continued throughout

FY 2016, to retain at least 70 percent of NSF’s current permanent staff through the transition to the new headquarters location in 2017, and to replace both the rotator population and retirements anticipated between now and then. Strategies include a mix of workforce planning, recruitment and hiring approaches, and retention strategies. These strategies will be refined through the continued use of regular exit and engagement interviews.

Travel (no change, to a total of \$5.45 million)

NSF Employee FTE Travel
(Dollars in Millions)

FY 2015	FY 2016	FY 2017	Change over	
			FY 2016 Estimate	
Actual	Estimate	Request	Amount	Percent
\$5.51	\$5.45	\$5.45	-	-

The FY 2017 Request amount of \$5.45 million is held flat with the FY 2016 Estimate. This funding total is based on the travel activity associated with full utilization of 1,310 regular FTE coupled with the amount of site reviews, post-award monitoring and oversight, and outreach activities related to the projected level of program activities contained in the FY 2017 Request.

Information Technology (+\$3.61 million, to a total of \$25.60 million)

NSF funds administrative information technology (IT) applications from the AOAM account while mission-related IT investments that support the merit review process are funded from program accounts. Resources to support mission-related IT investments are discussed in the Program Related Technology (PRT) section of the Program Accounts: R&RA and EHR chapter.

Administrative applications services and support; associated IT operations and infrastructure; and related security and privacy services funded by the AOAM account are discussed below.

AOAM Information Technology
(Dollars in Millions)

	FY 2015	FY 2016	FY 2017	Change over	
				FY 2016 Estimate	
	Actual	Estimate	Request	Amount	Percent
Administrative Applications Services and Support	\$6.86	\$5.11	\$6.73	\$1.62	31.7%
Administrative IT Operations and Infrastructure	17.53	13.84	15.84	2.00	14.5%
Administrative Security and Privacy Services	2.79	3.03	3.03	-	-
Total, AOAM IT	\$27.18	\$21.99	\$25.60	\$3.61	16.4%

Totals may not add due to rounding.

Information technology for agency operations ensures high quality, reliable, and secure administrative applications and associated IT infrastructure support and services to meet the needs of the Foundation.

For FY 2017, NSF’s information technology priorities for AOAM include:

- Implementing electronic invoicing. NSF is exploring options and may use a shared service provider to implement in FY 2017. This activity would support the Shared Services cross-agency priority (CAP)

goal: to strategically expand high-quality, high value shared services to improve performance and efficiency throughout government.¹

- Enhancing the security of NSF's infrastructure to respond to the ever-evolving threat landscape in support of the Cybersecurity CAP goal: improve cybersecurity performance through ongoing awareness of information security, vulnerabilities, and threats impacting the operating information environment, ensuring that only authorized users have access to resources and information; and the implementation of technologies and processes that reduce the risk of malware.²
- Supporting the continued operation of iTRAK, the Foundation's financial management system, and the requirements of the Digital Accountability and Transparency (DATA) Act.
- Supporting preparation of IT systems for relocating to the new NSF headquarters and operating parallel infrastructures during the relocation.
- Making high priority changes to support the efficiency and effectiveness of NSF's administrative applications services, including NSF collaboration sites (SharePoint) and property and procurement applications.

Administrative Applications Services and Support (+\$1.62 million, to a total of \$6.73 million)

Investments in this category support administrative applications, such as the NSF website, NSF's human resources management systems, and iTRAK.

- iTRAK is NSF's financial management system. In FY 2017, the total request for iTRAK is \$7.75 million. Seventy percent of this request will be funded by R&RA and EHR accounts and 30 percent will be funded by AOAM. The AOAM portion of the iTRAK request is increased, +\$620,000, to a total of \$2.33 million, to fund high priority change requests, the implementation of electronic invoicing, a potential new shared service planned for FY 2017, and to make changes to iTRAK to support the requirements of the Digital Accountability and Transparency (DATA) Act.
- Other administrative applications services funding increases, +\$1.0 million, to a total of \$3.05 million, to make high priority changes to administrative systems to ensure the continued effective operation of NSF's property and procurement applications and upgrade to the current version of SharePoint to ensure continued operation of collaboration sites and their continued interoperability with NSF's desktop services.
- A total of \$1.35 million (no change) will be used for ongoing operations and maintenance of the systems that support the strategic management of NSF human capital, including those that enable the effective recruitment, retention, development, and use of NSF staff and that align with NSF's Strategic Goal 3: Excel as a Scientific Federal Agency, Strategic Objective 1: Build an increasingly diverse, engaged high performing workforce by fostering excellence in recruitment, training, leadership, and human capital management.

Administrative IT Operations and Infrastructure (+\$2.0 million, to a total of \$15.84 million)

Investments in this category provide basic maintenance and operations for ongoing activities that support administrative applications and services. This infrastructure includes NSF's data center, network, hosting, phone, email, and remote access services.

Additionally, this category includes the administrative support portion of NSF's help desk services. NSF provides customer care support for internal users 13 hours per day, five days per week.

The \$2.0 million increase requested for FY 2017 will support the preparation of IT systems for relocating to the new NSF headquarters, to further increase the security of NSF's infrastructure in response to the ever-evolving threat landscape, and to run parallel infrastructures during the relocation, as services and staff are transitioned from the current NSF headquarters to the new location.

¹ www.performance.gov/node/3398/view?view=public#overview

² www.performance.gov/node/3401/view?view=public#overview

Administrative Security and Privacy Services (no change, to a total of \$3.03 million)

Investments in this category include automated configuration management tools that manage security patches and provide proactive protection from viruses, spyware, and other threats. This includes the portion of NSF’s network security, application security, security control testing and tools, automated vulnerability assessment tools, and remediation and intrusion detection services related to administrative applications.

Space Rental (-\$1.73 million, to a total of \$32.44 million)

Space Rental				
(Dollars in Millions)				
FY 2015	FY 2016	FY 2017	Change over	
			FY 2016 Estimate	
Actual	Estimate	Request	Amount	Percent
\$34.00	\$34.17	\$32.44	-\$1.73	-5.1%

Space Rental includes services provided by the General Services Administration (GSA) related to rent and taxes, utilities, and security provided by the Department of Homeland Security.

The FY 2017 Request for Space Rental is \$32.44 million, a decrease of \$1.73 million, or -5.1 percent, below the FY 2016 Estimate. NSF currently occupies over 665,000 square feet of space, primarily in two adjoining, leased office buildings located in Arlington, Virginia. The current leases for both Stafford I and Stafford II have been replaced by interim occupancy agreements that extend occupancy until the upcoming move of NSF to Alexandria, Virginia. The interim occupancy agreements were negotiated by GSA with the current landlord and reflect current market rates for the Arlington area. The FY 2017 Request includes 12 months of rent at the current buildings in Arlington and one month of rent at the new facility in Alexandria.

The decrease of \$1.73 million in FY 2017 reflects savings realized through application of the Tenant Improvement Allowance toward space rental in the final year of the current occupancy agreements. NSF will utilize this option in the leases to offset rent costs in the final three months of occupancy at Stafford I and II, resulting in a net savings to the agency. Additional savings in FY 2017 will be realized through the application of a broker’s commission credit that will be applied to offset the rent costs of the new NSF facility in Alexandria.

Operating Expenses (+\$1.54 million, to a total of \$22.40 million)

Operating Expenses				
(Dollars in Millions)				
FY 2015	FY 2016	FY 2017	Change over	
			FY 2016 Estimate	
Actual	Estimate	Request	Amount	Percent
\$15.78	\$20.86	\$22.40	\$1.54	7.4%

The FY 2017 Request for Operating Expenses is \$22.40 million, an increase of \$1.54 million over the FY 2016 Estimate. Operating Expenses include funding for supplies and equipment, contracts, and other costs necessary to enable accomplishment of NSF’s research and education mission, as well as to support a wide variety of financial and award management, leadership, and other activities.

Agency Operations and Award Management

The key activities funded by NSF's FY 2017 Request are described below.

- A total of \$11.35 million (no change) for training, equipment, communications devices, printing, and supplies for NSF's directorates and offices. This level is based on the amount of funding required for the regular FTE usage of 1,310 projected for FY 2017.
- +\$460,000, to a total of \$4.49 million supports NSF's annual risk assessment, post-award monitoring and oversight (including advanced monitoring and large facility business systems reviews), contract close-out, and NSF outreach activities and materials. The increase over the FY 2016 Estimate reflects recent actual expenditure rates and costs resulting from contract re-competition.
- A total of \$1.35 million (no change) provides financial management support, including financial statement reporting, NSF property reporting, audit deficiencies resolution assistance, and reporting associated with the financial system.
- +\$250,000, to a total of \$900,000 for NSF's internal control quality assurance activities: documenting, testing, and assessing internal control effectiveness, including effectiveness and efficiency of operations, reliability of financial reporting, and compliance with applicable laws and regulations. The increase over the FY 2016 Estimate is due to the anticipation of increased internal control audit requests.
- +\$400,000, to a total of \$680,000 provides support for the review of grantee expenditures for improper payments as per the Improper Payments Elimination and Reduction Act (IPERA), NSF's grant accrual, and Award Cash Management Service (ACM\$) in order to project an error rate for expenditures and determine if there is a material effect on awardee financial reporting. The results of these analyses are used to support NSF's post-award monitoring programs. The increase over the FY 2016 Estimate reflects IPERA Stage 2 Statistical Testing.
- +\$32,000, to a total of \$516,000 to provide dedicated help desk support for the Office of Budget, Finance, and Award Management (BFA) to maintain and update BFA's technology resources and ensure efficient and expedient responses, minimizing interruptions to BFA's systems and services; contractor support for the Annual Large Facilities Workshop to include conference center space, lodging, guest speakers, and other related logistical and planning support; administrative support for document and correspondence preparation, accounts payable support, year-end close-out support, meeting management, site visit travel preparation, and SBIR financial capability assessments; and an interagency agreement that supplements NSF efforts in meeting a federal mandate to negotiate indirect cost rates for awardees over which NSF has cognizance. The increase over the FY 2016 Estimate is due to contract inflation costs, partially offset by capitalizing on the expected availability of unexpended funds, and will allow NSF to maintain a necessary level-of-effort to ensure continuity of services into FY 2018.
- +\$21,000, to a total of \$396,000 supports NSF's Enterprise Information System (EIS) and the Budget Internet Information System (BIIS) to provide accurate, consistent information on financial data, funding rate, award size, and other statistics to NSF staff and the public. The increased support ensures that the system and related data analysis will continue to respond to evolving information needs and is integrated with iTRAK. The 5.5 percent increase over the FY 2016 Estimate reflects a standard increase in estimated costs and software licensing renewal fees.
- +\$388,000, to a total of \$388,000 provides dedicated, on-site, project management support to plan, coordinate, and execute NSF's implementation of the Digital Accountability and Transparency Act (DATA Act).
- -\$38,000, to a total of \$322,000 maintains on-going licensing, subscription, and infrastructure support for the Automated Acquisition Management System (AAMS) – NSF's E-procurement system. The decrease below the FY 2016 Estimate reflects the removal of Time & Materials costs.
- +\$12,000, to a total of \$300,000 supports administrative grants processing duties including, processing funding actions, reviewing payment requests, and answering inquiries. In addition, this includes verifying Davis-Bacon Act reports. The increase over the FY 2016 Estimate is due to contract inflation costs.

- A total of \$250,000 (no change) is for reasonable accommodations that NSF is responsible for providing to persons with disabilities, including NSF employees, applicants, and those conducting business at NSF. Activities supported assist with maintaining NSF's model Equal Employment Opportunity status; not providing accommodations could be viewed as discrimination according to Sections 501 and 505 of the Rehabilitation Act of 1973.
- A total of \$250,000 (no change) will provide support for increased cost analysis responsibilities due to the implementation of Standardized Cost Analysis Guidance, which became effective June 2014.
- A total of \$250,000 (no change) provides contract support and purchase card program review and transaction support.
- A total of \$220,000 (no change) provides funding for the congressionally-mandated Committee on Equal Opportunities in Science and Engineering (CEOSE) activity. This request covers contractor services and meeting support for the CEOSE. CEOSE is an NSF advisory committee that provides advice on policies and programs to broaden participation of women, minorities, and persons with disabilities.

Building and Administrative Services (+\$1.02 million, to a total of \$14.09 million)

Building and Administrative Services

(Dollars in Millions)

	FY 2015 Actual	FY 2016 Estimate	FY 2017 Request	Change over FY 2016 Estimate	
				Amount	Percent
Information Dissemination	\$1.85	\$2.93	\$2.49	-\$0.44	-15.0%
Workplace Management	6.61	5.03	5.56	0.53	10.5%
Panel Support, Meeting Management, and Proposal Services	5.23	5.11	6.03	0.92	18.0%
Total, Building & Administrative Services	\$13.69	\$13.07	\$14.09	\$1.02	7.8%

Totals may not add due to rounding.

The FY 2017 Request of \$14.09 million represents an increase of \$1.02 million over the FY 2016 Estimate. The funding associated with Building and Administrative Services will support three sets of activities: information dissemination; workplace management; and panel support, meeting management, and proposal services.

Information Dissemination (-\$440,000, to a total of \$2.49 million)

Investments in this category fund activities that support NSF's website and intranet operations and maintenance, as well as graphic and user interface design. These funds support extensive web-based and electronic information distribution tools that provide information to both NSF staff and the public regarding the NSF mission and related content. This category also includes funding for website and business application development and user experience support, graphic design and commercial printing, and regulatory reporting processing and production.

The recent retirement of dated infrastructure and the conversion of content to modern platforms has allowed a decrease in costs associated with maintenance and support of the NSF website. The reduction of \$440,000 below the FY 2016 Estimate is realized through the cost savings provided by these modernization efforts and supports two key pillars of the President's Management Agenda - Effectiveness: delivering world-class customer service to citizens and businesses; and Efficiency: enhancing productivity and achieving cost savings across the Government.³

³ www.whitehouse.gov/sites/default/files/omb/memoranda/2015/m-15-11.pdf

Agency Operations and Award Management

Workplace Management (+\$530,000, to a total of \$5.56 million)

Workplace Management provides funding for core business activities and infrastructure support related to security and emergency management, such as security badge issuance, management of NSF Continuity of Operations Plan activities, physical security, and access control. Funding in this category also supports space management and facility operations, including development of space plans and assignments, space reconfigurations, and facility service and maintenance. Additionally, this funding supports activities related to property and records management – the oversight and planning of mailroom shipping and receiving operations; property receipt, inventory, and tracking; and the establishment and execution of records management policies and procedures.

The \$530,000 increase over the FY 2016 Estimate is planned for contract escalation due to increased workload related to the NSF relocation and the continuation of uninterrupted support during the NSF transition to its new headquarters facility. This funding is required to temporarily support dual operations at both the existing and new facility for ID card office operations, facilities management, and reception and information center operations. Due to the planned staggered move schedule for relocation to the new facility, operations will be required to assist staff at both locations throughout the phases of the move.

Panel Support, Meeting Management, and Proposal Services (+\$920,000, to a total of \$6.03 million)

Investments in this category are used to provide critical support at all stages of NSF's merit review process (including pre, during, and post-review customer support). This funding also includes services provided in the scheduling and coordination of onsite and virtual panels; activities to oversee, operate, and maintain mission critical virtual communications equipment and resources; management of central conference space and audiovisual and communications equipment; travel management services for NSF staff and panelists; technical support and management oversight of proposal processing; and library and research assistance. Activities in this category support the Customer Service CAP goal: deliver world-class customer services to citizens by making it faster and easier for individuals and businesses to complete transactions and have a positive experience with government.⁴

In FY 2017, an increase of \$920,000 over the FY 2016 Estimate will be applied to two activities:

- \$160,000 will be used to support the increased workload related to travel management services for NSF staff and panelists. Onsite support resources are currently understaffed and unable to deal with the volume of requests related to travel assistance for both NSF staff and panelists. As these travelers support a critical function of the agency, this investment is necessary to ensure adequate assistance is available to guarantee the continued successful conduct of panels and merit review functions.
- NSF's print shop and proposal processing unit currently utilize printing and binding equipment and maintain central copiers throughout the Foundation that are reaching the end of their useful lifespan. Additionally, the new NSF Headquarters will have a space configuration different than the current print shop. An investment of \$760,000 will be used to purchase equipment for the print shop and proposal processing unit at the new NSF facility and replace the obsolete printing and binding equipment and copiers.

⁴ www.performance.gov/node/3400?view=public#apg

NSF Headquarters Relocation (\$43.29 million)

NSF Headquarters Relocation

(Dollars in Millions)

	FY 2015 Actual	FY 2016 Estimate ¹	FY 2017 Request
NSF Headquarters Relocation	\$2.70	\$8.93	\$28.79
Settlement Costs	-	-	14.50
Total, HQ Relocation	\$2.70	\$8.93	\$43.29

Totals may not add due to rounding.

¹ There is still uncertainty regarding the FY 2016 funding requirements. Updated funding levels will not be available until after the FY 2017 Request is presented to Congress.

NSF headquarters has been located in Arlington, VA since 1993. Initially, the agency occupied the Stafford I building and subsequently expanded into an adjacent building (Stafford II) as the mission, operations, and staff grew over the 20-year lease period. Interim leases for both are in place through 2017.

Over the past several years NSF has worked collaboratively with the General Services Administration (GSA) to procure a new long-term lease to replace the Stafford I and II leases which expired during 2013. On June 7, 2013, GSA awarded a new 15-year lease for approximately 660,000 rentable square feet in Alexandria, VA.

NSF funding is required to manage the effort, furnish the building, incorporate IT infrastructure and other technology and security systems into the new building, and cover the costs of the physical move. The acquisition of these goods and services began in FY 2015 and will continue in FY 2016, FY 2017, and FY 2018 to complete the project design, construction, and occupancy on schedule.

The FY 2017 Budget Request includes funds for:

Program Management Costs (\$2.59 million)

Funding in this category is for technical contractor expertise in the areas of:

- Project coordination, architecture and design management, and engineering and construction management;
- Interior design coordination and management;
- Furniture specification and procurement support;
- Relocation planning leading to final occupancy and turnover; and
- Information technology planning between existing NSF systems and the new headquarters.

Technology Costs (\$10.37 million)

Funding in this area continues procurements for IT and mission technology, including:

- Design and engineering of specialized IT services and equipment, installation and integration;
- External building connectivity and internal backup equipment; and
- Critical IT building infrastructure systems such as secure data, video-teleconferencing components, routers, and virtual technology tools and systems.

Furniture, Fixtures and Equipment Costs (\$7.71 million)

Funding will be used to complete activities associated with acquiring new furniture, including:

- Design, specification, coordination, delivery and installation of approximately 2,000 systems and/or modular furniture for NSF offices and workspaces; and
- Design, specification, coordination, and integration of high density and associated filing systems.

Agency Operations and Award Management

Move Costs (\$3.38 million)

Funding in this category is required to award contracts to relocate NSF's staff, furniture, equipment, and other materials to its new location in a multi-phased move, with dual operations, where necessary, as the new headquarters is ready for occupancy.

Other Costs (\$4.75 million)

Funding is required for an adequate project contingency and acquisition fees associated with personal property procurements.

Settlement Costs (\$14.50 million)

Settlement costs must be paid to the lessor for the acceleration of substantial completion of the building by August 31, 2017. This amount includes landlord costs due to NSF delays, additional financing/opportunity costs, and 12 months of 2017 real estate taxes payable to the City of Alexandria (if an adjustment cannot be obtained from the City).

AOAM by Object Class

AOAM by Object Class

(Dollars in Thousands)

	FY 2015 Actual	FY 2016 Estimate	FY 2017 Request ¹	Change over FY 2016 Estimate	
				Amount	Percent
Personnel Compensation	\$154,071	\$166,530	\$168,260	\$1,730	1.0%
Personnel Benefits	45,209	48,987	50,880	1,893	3.9%
Travel and Transportation of Persons	5,523	5,450	5,450	-	-
Transportation of Things	391	380	380	-	-
Rental Payments to GSA	34,000	34,168	46,940	12,772	37.4%
Rent to Others	-	-	-	-	N/A
Communications, Utilities and Misc. Charges	2,149	3,688	4,768	1,080	29.3%
Printing and Reproduction	178	113	146	33	29.3%
Advisory and Assistance Services	42,975	46,610	54,325	7,715	16.6%
Other Services	12,267	10,187	11,894	1,706	16.7%
Purchases of Goods & Svcs from Gov't. Accts	6,207	8,640	10,635	1,995	23.1%
Operations and Maintenance of Equipment	583	400	1,552	1,152	288.0%
Supplies and Materials	1,389	3,257	3,712	455	14.0%
Equipment	1,618	1,590	14,079	12,489	785.5%
Land and Structures	-	-	-	-	N/A
Total, AOAM	\$306,560	\$330,000	\$373,020	\$43,020	13.0%

Totals may not add due to rounding.

¹ This table reflects recent updates and may not match what is shown in the President's Budget Appendix.

FY 2017 Request Object Class Code estimates mirror the FY 2017 request for AOAM and similarly reflect an increase of \$43.02 million over the FY 2016 Estimate, including \$43.29 million for costs associated with NSF's relocation to Alexandria.

Personnel Compensation and Benefits: Personnel compensation funds payroll, awards/bonuses, reimbursable details to NSF, overtime, and terminal leave. Personnel Benefits include the Government's contribution towards retirement systems, health and life insurance, thrift saving plans, special overseas allowances, unemployment insurance, transit subsidies, and employee relocations.

Personnel Compensation increases by \$1.73 million over the FY 2016 Estimate to support the projected 1.6 percent pay raise in FY 2017.

Personnel Benefits increase by \$1.89 million over the FY 2016 Estimate as a result of the 1.6 percent pay raise.

Travel and Transportation of Persons: These resources fund travel required for planning, outreach, and the increased oversight of existing awards recommended by the agency's Inspector General.

Transportation of Things: This category consists of household moves associated with bringing new staff to NSF.

Rental Payments to GSA: This category includes the rent charged by GSA for NSF's facility in Arlington, Virginia, and additional floors currently leased in an adjacent building. Rental Payments to GSA includes \$32.44 million for space rental and \$14.50 million for settlement cost associated with NSF's relocation to Alexandria.

Communications, Utilities, and Miscellaneous Charges: This category includes all costs for telephone and other communication lines and services, both local and long distance, and postage.

Printing and Reproduction: This category includes contract costs of composition and printing of NSF's publications, announcements, and forms, as well as printing of stationery and specialty items.

Advisory and Assistance Services: This category includes development, learning, and career enhancement opportunities offered through the NSF Academy; contracts for human capital operational activities, work life initiatives, outreach, and related services; assistance in award oversight and monitoring; support for OMB Circular A-123 reviews; and program management costs in support of NSF's new headquarters.

Other Services: This category includes warehousing and supply services, mail handling, proposal processing, equipment repair and maintenance, building-related costs, furniture repair, contract support for conference room services, security investigations, and miscellaneous administrative contracts.

Purchases of Goods and Services from Government Accounts: This category includes reimbursable services purchased from other government agencies. Examples include GSA for security guard services, some electrical upgrades, and modest renovation services, and Department of the Interior for payroll services.

Operation and Maintenance of Equipment: This category includes management and operation of the central computer facility 24x7 year-round; operation of the customer service center and FastLane help desk; maintenance of database server hardware and related peripherals; software licensing fees; data communications infrastructure and network systems support; electronic mail support; and remote access (e.g., internet and World Wide Web). In FY 2017, this category includes an increase to support the preparation of IT systems for relocation to the NSF headquarters.

Supplies and Materials: This category includes office supplies, library supplies, paper and supplies for the NSF central computer facility, and miscellaneous supplies.

Equipment: This category includes new and replacement computing equipment, desktop computers, data communications equipment, video-teleconferencing equipment, office furniture, file cabinets, and support equipment such as audio-visual equipment. In FY 2017, this category includes costs for the procurement of furniture and equipment for NSF's new headquarters in Alexandria.

Appropriations Language

For agency operations and award management necessary in carrying out the National Science Foundation Act of 1950 (42 U.S.C. 1861 et seq.); services authorized by section 3109 of title 5, United States Code; hire of passenger motor vehicles; uniforms or allowances therefor, as authorized by sections 5901 and 5902 of title 5, United States Code; rental of conference rooms in the District of Columbia; and reimbursement of the Department of Homeland Security for security guard services; ~~\$330,000,000~~;~~\$373,020,000~~: *Provided*, That not to exceed \$8,280 is for official reception and representation expenses: *Provided further*, That contracts may be entered into under this heading in fiscal year ~~2016~~2017 for maintenance and operation of facilities and for other services to be provided during the next fiscal year: *Provided further*, That of the amount provided for costs associated with the acquisition, occupancy, and related costs of new headquarters space, not more than ~~\$30,770,000~~\$40,700,000 shall remain available until expended.

**Agency Operations and Award Management
FY 2017 Summary Statement**

(Dollars in Millions)

	Enacted/ Request	Unobligated Balance Available Start of Year	Unobligated Balance Available End of Year	Adjustments to Prior Year Accounts	Obligations Actual/ Estimates
FY 2015 Appropriation	\$325.00	-	-\$18.11	-\$0.33	\$306.56
FY 2016 Estimate	330.00	18.11			348.11
FY 2017 Request	373.02				373.02
\$ Change from FY 2016 Estimate					\$24.91
% Change from FY 2016 Estimate					7.2%

Totals may not add due to rounding.

Explanation of Carryover

Within the **Agency Operations and Award Management** (AOAM) no-year account, \$18.11 million was carried over into FY 2016.

- NSF Headquarters Relocation
 - Amount: \$18.11 million
 - Reason: Obligations planned for FY 2015 have been shifted to FY 2016.
 - Anticipated Obligation: FY 2016 Quarter 2