

**DEPARTMENT OF THE NAVY**

OFFICE OF NAVAL RESEARCH  
875 NORTH RANDOLPH STREET  
SUITE 1425  
ARLINGTON, VA 22203-1995

Agreement Date: May 30, 2019

[Supersedes Agreement Dated: June 25, 2018]

**NEGOTIATION AGREEMENT**

INSTITUTION: **THE UNIVERSITY OF ALASKA  
FAIRBANKS, ALASKA, 99775**

The Facilities and Administrative (F&A) cost rates contained herein are for use on grants, contracts and/or other agreements issued or awarded to the University of Alaska (UA) by all Federal Agencies of the United States of America, in accordance with the provisions and cost principles mandated by 2 CFR Part 200. These rates shall be used for forward pricing and billing purposes for the University of Alaska's Fiscal Years 2019 through 2022. This rate agreement supersedes all previous rate agreements/determinations for Fiscal Year 2019.

**Section I: RATES - TYPE: PREDETERMINED (PRED)**

<u>TYPE</u>	<u>FROM</u>	<u>TO</u>	<u>RATE</u>	<u>BASE</u>	<u>APPLICABLE TO</u>	<u>LOCATION</u>
<u>University of Alaska Fairbanks (UAF)</u>						
Pred	7/1/18	6/30/19	50.5%	(a)	Organized Research (1)	On-Campus
Pred	7/1/18	6/30/19	59.5%	(a)	Organized Research (2)	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Organized Research (1)	Off-Campus
Pred	7/1/18	6/30/19	35.0%	(a)	Organized Research (2)	Off-Campus
Pred	7/1/18	6/30/19	37.2%	(a)	Other Sponsored Activities	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Other Sponsored Activities	Off-Campus
Pred	7/1/18	6/30/19	26.7%	(a)	Poker Flat	All
Pred	7/1/18	6/30/19	32.1%	(a)	Ship	All
<u>University of Alaska Anchorage (UAA)</u>						
Pred	7/1/18	6/30/19	51.2%	(a)	Organized Research	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Organized Research	Off-Campus
Pred	7/1/18	6/30/19	32.0%	(a)	Other Sponsored Activities	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Other Sponsored Activities	Off-Campus
<u>University of Alaska Southeast (UAS)</u>						
Pred	7/1/18	6/30/19	59.0%	(a)	Organized Research	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Organized Research	Off-Campus
Pred	7/1/18	6/30/19	30.2%	(a)	Other Sponsored Activities	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Other Sponsored Activities	Off-Campus
<u>Systemwide (Applies to all Campuses)</u>						
Pred	7/1/18	6/30/19	50.0%	(a)	Sponsored Training	On-Campus
Pred	7/1/18	6/30/19	26.0%	(a)	Sponsored Training	Off-Campus

TYPE	FROM	TO	RATE	BASE	APPLICABLE TO	LOCATION
<u>University of Alaska Fairbanks (UAF)</u>						
Pred	7/1/19	6/30/22	55.0%	(a)	Organized Research (1)	On-Campus
Pred	7/1/19	6/30/22	59.5%	(a)	Organized Research (2)	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Organized Research (1)	Off-Campus
Pred	7/1/19	6/30/22	36.5%	(a)	Organized Research (2)	Off-Campus
Pred	7/1/19	6/30/22	38.5%	(a)	Other Sponsored Activities	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Other Sponsored Activities	Off-Campus
Pred	7/1/19	6/30/22	28.6%	(a)	Poker Flat	All
Pred	7/1/19	6/30/22	32.1%	(a)	Ship	All
<u>University of Alaska Anchorage (UAA)</u>						
Pred	7/1/19	6/30/22	53.1%	(a)	Organized Research	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Organized Research	Off-Campus
Pred	7/1/19	6/30/22	32.0%	(a)	Other Sponsored Activities	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Other Sponsored Activities	Off-Campus
<u>University of Alaska Southeast (UAS)</u>						
Pred	7/1/19	6/30/22	59.7%	(a)	Organized Research	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Organized Research	Off-Campus
Pred	7/1/19	6/30/22	30.6%	(a)	Other Sponsored Activities	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Other Sponsored Activities	Off-Campus
<u>Systemwide (Applies to all Campuses)</u>						
Pred	7/1/19	6/30/22	50.0%	(a)	Sponsored Training	On-Campus
Pred	7/1/19	6/30/22	26.0%	(a)	Sponsored Training	Off-Campus

#### DISTRIBUTION BASES

- (a) Modified Total Direct Costs (MTDC), as defined in 2 CFR Part 200, consisting of all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first \$25,000 of each subaward (regardless of the period of performance of the subawards under the award). MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of \$25,000.

#### APPLICABLE TO

- (1) Applies to DoD contracts awarded before November 30, 1993, all Non-DoD Instruments, and all DoD grants and other agreements (See Section II, paragraph E). (Capped)
- (2) Applies to only DoD contracts awarded on or after November 30, 1993 in accordance with and under the authority of DFARS 231.303(1) (See Section II, paragraph E). (Uncapped)

### SECTION II: GENERAL TERMS AND CONDITIONS

**A. LIMITATIONS:** Use of the rates set forth under Section I is subject to the availability of funds and to any other statutory or administrative limitations. The rates are applicable to a given

grant, contract or other agreement only to the extent that funds are available and consistent with any and all limitations of cost clauses or provisions, if any, contained therein. Acceptance of any or all of the rates agreed to herein is predicated upon all the following conditions: (1) that no costs other than those incurred by the institution were included in its indirect cost pool as finally accepted and that all such costs are legal obligations of the institution and allowable under governing cost principles; (2) that the same costs that have been treated as indirect costs are not claimed as direct costs; (3) that similar types of costs have been accorded consistent accounting treatment; and (4) that the information provided by the institute; which was used as the basis for acceptance of the rates agreed to herein and expressly relied upon by the Government in negotiating and accepting the said rates, is not subsequently found to be materially incomplete or inaccurate.

**B. ACCOUNTING CHANGES:** The rates contained in Section I of this agreement are based on the accounting system in effect at the time this agreement was negotiated. Changes to the method(s) of accounting for costs, which affects the amount of reimbursement resulting from the use of these rates, require the prior written approval of the authorized representative of the cognizant agency for indirect costs. Such changes include but are not limited to changes in the charging of a particular type of cost from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowances.

**C. PREDETERMINED RATES:** The predetermined rates contained in this agreement are not subject to adjustment in accordance with the provisions of 2 CFR Part 200, subject to the limitations contained in Part A of this section.

**D. USE BY OTHER FEDERAL AGENCIES:** The rates set forth in Section I are negotiated in accordance with and under the authority set forth in 2 CFR Part 200. Accordingly, such rates shall be applied to the extent provided in such regulations to grants, contracts, and other agreements to which 2 CFR Part 200 applies, subject to any limitations in Part A of this section. Copies of this document may be provided by either party to other federal agencies to provide such agencies with documentary notice of this agreement and its terms and conditions.

**E. APPLICATION OF INDIRECT COST RATES TO DOD CONTRACTS/SUBCONTRACTS:** In accordance with DFARS 231.303, no limitation (unless waived by the institution) may be placed on the reimbursement of otherwise allowable indirect costs incurred by an institution of higher education under a DoD contract awarded on or after November 30, 1993, unless the same limitation is applied uniformly to all other organizations performing similar work. It has been determined by DoD that such limitation is not being uniformly applied. Accordingly, the rates cited (2) of Section I, as explained under the title, "APPLICABLE TO" do not reflect the application of the 26% limitation on administrative indirect costs imposed by 2 CFR Part 200, whereas (1) does so.

**F. DFARS WAIVER:** Signature of this agreement by the authorized representative of the University of Alaska and the Government acknowledges and affirms the University's request to waive the prohibition contained in DFARS 231.303(1) and the Government's exercise of its discretion contained in DFARS 231.303(2) to waive the prohibition in DFARS 231.303(1) for all indirect rates except for Organized Research On and Off Campus rates at the Fairbanks Campus.

The waiver request by the University of Alaska is made to simplify the University's overall management of DOD cost reimbursements under DoD contracts.

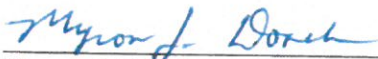
**G. SPECIAL REMARKS:**

(1) The Government's agreement with the rates set forth in Section I is not an acceptance of the University of Alaska's accounting practices or methodologies. Any reliance by the Government on cost data or methodologies submitted by the University of Alaska is on a non-precedence-setting basis and does not imply Government acceptance.

(2) Off-Campus rates apply to sponsored projects where more than 50% of the university effort is conducted off-campus. Off-Campus is defined as a facility which is not owned or leased by the institution, a facility leased by the institution where the lease costs are charged as direct costs to the award, or a temporary worksite (i.e. field location).

Accepted:

FOR THE UNIVERSITY OF  
ALASKA:



Myron J. Dosch  
Chief Financial Officer

*May 30, 2019*

Date

FOR THE U.S. GOVERNMENT:

SNYDER.BETH.

A.1379326664

Beth A. Snyder  
Contracting Officer

6/3/2019

Date

*For information concerning this agreement contact:*

Sharon Gales  
Office of Naval Research  
875 North Randolph Street  
Arlington, VA 22203-1995

Phone: (703) 696-8559  
E-mail: sharon.gales@navy.mil



# INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-Fairbanks

FY Covered by Rates: 2019

Type of Rate: Predetermined

	Organized Research		Organized Research-DoD		Other Sponsored Activities		Poker Flat	Ship
Negotiation Base: MTDC (\$000's)	\$68,172	\$3,655	\$68,172	\$3,655	\$24,175	\$446	\$2,230	\$6,312
<b>RATE COMPONENTS:</b>	On Campus	Off Campus	On Campus	Off Campus	On Campus	Off Campus	All	All
<b>1. ADMINISTRATIVE</b>								
A. General Admin	11.98%	11.98%	11.98%	11.98%	11.11%	11.11%	12.11%	12.06%
B. Dept Admin	21.44%	21.44%	21.44%	21.44%	19.15%	19.15%	18.45%	32.06%
C. Sponsored Project	1.60%	1.60%	1.60%	1.60%	1.87%	1.87%	1.87%	1.87%
D. Admin Cap Adjustment	(9.02%)	(9.02%)			(6.13%)	(6.13%)	(6.43%)	(19.99%)
Subtotal	26.0%	26.0%	35.0%	35.0%	26.00%	26.00%	26.00%	26.00%
<b>2. FACILITIES</b>								
A. Building Depreciation	6.19%		6.19%		2.97%		0.74%	0.35%
B. Equipment Depreciation	1.35%		1.35%		0.51%		0.00%	0.00%
<b>3. Interest</b>	2.05%		2.05%		0.23%		0.00%	0.00%
<b>4. O&amp;M</b>	13.55%		13.55%		6.72%		0.00%	5.75%
<b>5. FS Library</b>	1.32%		1.32%		0.82%		0.00%	0.00%
Subtotal	24.46%		24.46%		11.25%		0.74%	6.10%
Rounding					(0.05%)			
<b>TOTAL</b>	<b>50.5%</b>	<b>26.0%</b>	<b>59.5%</b>	<b>35.0%</b>	<b>37.2%</b>	<b>26.0%</b>	<b>26.7%</b>	<b>32.1%</b>

FOR THE INSTITUTION

*Myron J. Dosch*  
Myron J. Dosch  
Chief Financial Officer

*May 30, 2019*  
Date

FOR THE U.S. GOVERNMENT:

SNYDER.BETH.A.13  
79326664  
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DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI,  
email=USN, cn=SNYDER.BETH.A.1379326664  
Date: 2019.06.03 14:06:04 -0400

Beth A. Snyder  
Contracting Officer

*6/3/2019*  
Date

INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-Fairbanks

FY Covered by Rates: 2020-2022

Type of Rate: Predetermined

	Organized Research		Organized Research-DoD		Other Sponsored Activities		Poker Flat	Ship
Negotiation Basis: MTDC (\$000's)	\$68,172	\$3,665	\$68,172	\$3,665	\$24,175	\$446	\$2,230	\$6,312
RATE COMPONENTS:	On Campus	Off Campus	On Campus	Off Campus	On Campus	Off Campus	All	All
1. ADMINISTRATIVE								
Add: Department Admin (FAA)	3.64%	3.64%	3.64%	3.64%	3.60%	3.60%	3.60%	3.60%
A. SW General Admin	5.76%	5.76%	5.76%	5.76%	5.70%	5.70%	5.86%	5.70%
B. FS Gen Admin	6.00%	6.00%	6.00%	6.00%	5.80%	5.80%	5.91%	5.94%
C. FS Dept Admin	18.82%	18.82%	18.82%	18.82%	13.81%	13.81%	15.38%	25.73%
D. FS Sponsored Project	2.27%	2.27%	2.27%	2.27%	2.75%	2.75%	2.73%	5.78%
E. Admin-Cap Adjustment	(10.49%)	(10.49%)			(5.66%)	(5.66%)	(7.29%)	(20.75%)
Subtotal	26.0%	26.0%	36.5%	36.5%	25.0%	26.0%	26.0%	26.0%
2. FACILITIES:								
A. SW Building Depreciation	0.15%		0.15%		0.05%			
B. FS Building Depreciation	11.68%		11.68%		2.85%		1.42%	0.35%
C. AI Building Depreciation	0.00%		0.00%		0.07%			
D. JS Building Depreciation	0.00%		0.00%		0.00%			
E. SW Equipment Depreciation	0.00%		0.00%		0.06%			
F. FS Equipment Depreciation	1.04%		1.04%		0.17%			
3. Interest								
A. SW Interest	0.00%		0.00%		0.00%			
B. FS Interest	3.65%		3.65%		0.28%			
C. JS Interest	0.00%		0.00%		0.00%			
4. O&M								
A. SW O&M	0.03%		0.03%		0.01%			
B. FS O&M	18.11%		18.11%		7.42%		1.15%	5.75%
C. AI O&M	0.00%		0.00%		0.06%			
D. JS O&M	0.00%		0.00%		0.02%			
5. FS Library	1.94%		1.94%		1.48%			
6. UCA	1.30%		1.30%		0.00%		0.00%	0.00%
Subtotal	37.90%		37.90%		12.48%		2.57%	8.10%
Voluntary Reduction	(8.9%)		(14.9%)					
TOTAL	55.0%	26.0%	59.5%	36.5%	38.5%	26.0%	28.6%	32.1%

FOR THE INSTITUTION:

*Myron J. Dosch*

Myron J. Dosch  
Chief Financial Officer

*May 30, 2019*  
Date

FOR THE U.S. GOVERNMENT:

SNYDER.BETH.A.1

379326664

Beth A. Snyder  
Contracting Officer

6/3/2019  
Date

Digitally signed by SNYDER.BETH.A.1 379326664  
DN: cn=US, o=U.S. GOVERNMENT, ou=DoD, email=USG, c=US, ou=SNYDER.BETH.A.1 379326664  
Date: 2019.06.03 14:04:43 -0400

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# INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-Anchorage

FY Covered by Rates: 2019

Type of Rate: Predetermined

	Organized Research		Other Sponsored Activities	
Negotiation Base: MTDC (\$000's)	\$12,940	\$123	\$13,195	\$53
RATE COMPONENTS:	On Campus	Off Campus	On Campus	Off Campus
1. ADMINISTRATIVE				
A. General Admin	14.57%	14.57%	14.23%	14.23%
B. Dept Admin	37.88%	37.88%	30.94%	30.94%
C. Sponsored Project	1.87%	1.87%	1.87%	1.87%
D. Admin Cap Adjustment	(28.32%)	(28.32%)	(21.04%)	(21.04%)
Subtotal	26.0%	26.0%	26.00%	26.00%
2. FACILITIES:				
A. AI Building Depreciation	11.14%		2.03%	
B. AI Equipment Depreciation	0.77%		0.08%	
3. AI Interest	0.33%		0.03%	
4. O&M	12.16%		3.21%	
5. AI Library	0.79%		0.69%	
Subtotal	25.19%		6.04%	
TOTAL	51.2%	26.0%	32.0%	26.0%

FOR THE INSTITUTION

Myron J. Dosch  
Myron J. Dosch  
Chief Financial Officer

May 30, 2019  
Date

FOR THE U.S. GOVERNMENT:

Beth A. Snyder  
Beth A. Snyder  
Contracting Officer

6/3/2019  
Date

# INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-Anchorage

FY Covered by Rates: 2020-2022

Type of Rate: Predetermined

	Organized Research		Other Sponsored Activities	
Negotiation Base: MTDC (\$000's)	\$12,940	\$123	\$13,195	\$53
<u>RATE COMPONENTS:</u>	On Campus	Off Campus	On Campus	Off Campus
1. ADMINISTRATIVE				
Add: Department Admin (FAA)	3.60%	3.60%	3.60%	3.60%
A. SW General Admin	5.66%	5.66%	5.71%	5.71%
B. AI Gen Admin	7.81%	7.81%	7.81%	7.81%
C. AI Dept Admin	18.15%	18.15%	13.00%	13.00%
D. AI Sponsored Project	2.13%	2.13%	2.58%	2.58%
E. Admin Cap Adjustment	(11.35%)	(11.35%)	(6.70%)	(6.70%)
Subtotal	<u>26.0%</u>	<u>26.0%</u>	<u>26.00%</u>	<u>26.00%</u>
2. FACILITIES:				
A. AI Building Depreciation	15.73%		2.03%	
B. AI Equipment Depreciation	1.23%		0.08%	
3. AI Interest	0.49%		0.03%	
4. O&M				
A. SW O&M			0.00%	
B. FS O&M			0.02%	
C. AI O&M	7.91%		3.20%	
5. AI Library	0.91%		0.69%	
6. UCA	0.79%		0.00%	
Subtotal	<u>27.06%</u>	<u>          </u>	<u>6.05%</u>	<u>          </u>
TOTAL	<u>53.1%</u>	<u>26.0%</u>	<u>32.0%</u>	<u>26.0%</u>

FOR THE INSTITUTION:

Myron J. Dosch  
Myron J. Dosch  
Chief Financial Officer

May 30, 2019  
Date

FOR THE U.S. GOVERNMENT:

Beth A. Snyder  
Beth A. Snyder  
Contracting Officer

4/3/2019  
Date



# INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-Southeast

FY Covered by Rates: 2019

Type of Rate: Predetermined

	Organized Research		Other Sponsored Activities	
Negotiation Base: MTDC (\$000's)	\$945	\$945	\$344	\$344
RATE COMPONENTS:	On Campus	Off Campus	On Campus	Off Campus
1. ADMINISTRATIVE				
A. General Admin	21.72%	21.72%	21.79%	21.79%
B. Dept Admin	29.26%	29.26%	35.94%	35.94%
C. Sponsored Project	1.87%	1.87%	1.87%	1.87%
D. Admin Cap Adjustment	(26.85%)	(26.85%)	(33.60%)	(33.60%)
Subtotal	26.0%	26.0%	26.00%	26.00%
2. FACILITIES:				
A. JS Building Depreciation	13.57%		0.59%	
B. FS Equipment Depreciation	0.75%		0.00%	
3. JS Interest	7.39%		0.00%	
4. JS O&M	16.14%		1.37%	
5. JS Library	3.27%		2.15%	
Subtotal	41.12%		4.11%	
Adjustment	(8.1%)		0.09%	
TOTAL	59.0%	26.0%	30.2%	26.0%

FOR THE INSTITUTION:

*Myron J. Dosch*

Myron J. Dosch  
Chief Financial Officer

*May 30, 2019*

Date

FOR THE U.S. GOVERNMENT:

*Beth A. Snyder*

Beth A. Snyder  
Contracting Officer

*6/3/2019*

Date

# INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-Southeast

FY Covered by Rates: 2020-2022

Type of Rate: Predetermined

	Organized Research		Other Sponsored Activities	
Negotiation Base: MTDC (\$000's)	\$945	\$945	\$344	\$344
<u>RATE COMPONENTS:</u>	On Campus	Off Campus	On Campus	Off Campus
1. ADMINISTRATIVE				
Add: Department Admin (FAA)	3.60%	3.60%	3.60%	3.60%
A. SW General Admin	5.66%	5.66%	5.66%	5.66%
B. JS Gen Admin	14.39%	14.39%	14.39%	14.39%
C. JS Dept Admin	17.84%	17.84%	48.76%	48.76%
D. JS Sponsored Project	15.67%	15.67%	15.67%	15.67%
E. Admin Cap Adjustment	(31.16%)	(31.16%)	(62.08%)	(62.08%)
Subtotal	<u>26.0%</u>	<u>26.0%</u>	<u>26.00%</u>	<u>26.00%</u>
2. FACILITIES:				
A. JS Building Depreciation	25.71%		1.16%	
B. FS Equipment Depreciation	0.19%		0.00%	
C. JS Equipment Depreciation	1.46%		0.09%	
3. JS Interest	0.01%		0.01%	
4. JS O&M	12.49%		1.31%	
5. JS Library	2.44%		2.03%	
6. UCA	0.96%		0.00%	
Subtotal	<u>43.26%</u>		<u>4.60%</u>	
Voluntary Reduction	<u>(9.6%)</u>			
 TOTAL	 <u>59.7%</u>	 <u>26.0%</u>	 <u>30.6%</u>	 <u>26.0%</u>

FOR THE INSTITUTION:

*Myron J. Dosch*

Myron J. Dosch  
Chief Financial Officer

*May 30, 2019*  
Date

FOR THE U.S. GOVERNMENT:

*Beth A. Snyder*

Beth A. Snyder  
Contracting Officer

*6/3/2019*  
Date

INDIVIDUAL RATE COMPONENTS

Institution: University of Alaska-System Wide      FY Covered by Rates: 2019-2022

Type of Rate: Predetermined

	Sponsored Training-UAF		Sponsored Training-UAA		Sponsored Training-UAS	
Negotiation Base MTDC (\$000's)	\$52,734	\$52,734	\$73,133	\$73,134	\$10,056	\$10,056
<b>RATE COMPONENTS</b>	<b>On Campus</b>	<b>Off Campus</b>	<b>On Campus</b>	<b>Off Campus</b>	<b>On Campus</b>	<b>Off Campus</b>
<b>1. ADMINISTRATIVE</b>						
Add Department Admin (FAA)	3.60%	3.60%	3.60%	3.60%	3.60%	3.60%
A. SW General Admin	5.70%	5.70%	5.70%	5.70%	5.70%	5.70%
B. Gen Admin	15.51%	15.51%	15.79%	15.79%	27.31%	27.31%
C. Dept Admin	26.21%	26.21%	27.47%	27.47%	32.90%	32.90%
D. Sponsored Project	0.18%	0.18%	0.15%	0.15%	0.82%	0.82%
E. Student Services	23.13%	23.13%	16.85%	16.85%	37.46%	37.46%
F. Admin Cap Adjustment	(48.33%)	(48.33%)	(43.56%)	(43.56%)	(81.79%)	(81.79%)
Subtotal	26.0%	26.0%	26.0%	26.0%	26.0%	26.0%
<b>2. FACILITIES</b>						
A. SW Building Depreciation	0.37%		0.02%		0.00%	
B. FS Building Depreciation	19.42%		0.01%		0.00%	
C. AI Building Depreciation	0.01%		13.90%		0.00%	
D. JS Building Depreciation	0.00%		0.00%		12.69%	
E. SW Equipment Depreciation	0.01%		0.00%		0.00%	
F. FS Equipment Depreciation	0.69%		0.00%		0.03%	
G. AI Equipment Depreciation	0.00%		1.38%		0.00%	
H. JS Equipment Depreciation	0.00%		0.00%		1.56%	
<b>3. Interest</b>						
A. SW Interest	0.00%		0.00%		0.00%	
B. FS Interest	4.95%		0.00%		0.00%	
C. AI Interest	0.00%		0.40%		0.00%	
D. JS Interest	0.00%		0.00%		0.16%	
<b>4. O&amp;M</b>						
A. SW O&M	0.01%		0.01%		0.00%	
B. FS O&M	29.85%		0.07%		0.00%	
C. AI O&M	0.01%		15.57%		0.00%	
D. JS O&M	0.00%		0.02%		11.43%	
<b>5. Library</b>	13.35%		8.57%		13.30%	
<b>6. UCA</b>	0.00%		0.00%		0.00%	
Subtotal	68.68%		39.95%		39.17%	
Voluntary Reduction	(44.7%)		(16.0%)		(15.2%)	
<b>TOTAL</b>	<b>50.0%</b>	<b>26.0%</b>	<b>50.0%</b>	<b>26.0%</b>	<b>50.0%</b>	<b>26.0%</b>

FOR THE INSTITUTION

Myron J. Bosch  
 Myron J. Bosch  
 Chief Financial Officer  
May 30, 2019  
 Date

FOR THE U.S. GOVERNMENT

Beth A. Snyder  
 Beth A. Snyder  
 Contracting Officer  
6/3/2019  
 Date