COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN: 1146013200F6
DATE: 05/06/2016
ORGANIZATION: FILING REF.: The preceding
RFSUNY and SUNY at Buffalo agreement was dated
35 State Street, 3rd Floor 04/12/2016
Albany, NY 12207-2826

The rates approved in this agreement are for use on grants, contracts and other agreements with the Federal Government, subject to the conditions in Section III.

<table>
<thead>
<tr>
<th>SECTION I: INDIRECT COST RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>RATE TYPES: FIXED FINAL PROV. (PROVISIONAL) PRED. (PREDETERMINED)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>RATE(%) Location</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>59.50 On-Campus</td>
<td>Research</td>
</tr>
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<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>61.50 On-Campus</td>
<td>Research DOD Contr.</td>
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<td>Instruction</td>
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<tr>
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<td>40.00 On-Campus</td>
<td>Other Sponsored Programs</td>
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<td>07/01/2016</td>
<td>06/30/2020</td>
<td>26.00 Off-Campus</td>
<td>All Prog. exc. DOD Con.</td>
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<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>9.00 All</td>
<td>IPA (A)</td>
</tr>
<tr>
<td>PROV.</td>
<td>07/01/2020</td>
<td>Until Amended</td>
<td>Use same rates and conditions as those cited for fiscal year ending June 30, 2020.</td>
<td></td>
</tr>
</tbody>
</table>

*BASE
Modified total direct costs, 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). Modified total direct costs shall exclude 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. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.

(A) See Special Remarks (6)
**SECTION I: FRINGE BENEFIT RATES**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>RATE(%)</th>
<th>LOCATION</th>
<th>APPLICABLE TO</th>
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</thead>
<tbody>
<tr>
<td>FIXED</td>
<td>7/1/2015</td>
<td>6/30/2016</td>
<td>44.00</td>
<td>All</td>
<td>Regular Employees</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Summer Employees</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2015</td>
<td>6/30/2016</td>
<td>15.00</td>
<td>All</td>
<td>Graduate Students</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2015</td>
<td>6/30/2016</td>
<td>16.00</td>
<td>All</td>
<td>Undergraduate Student</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2015</td>
<td>6/30/2016</td>
<td>5.00</td>
<td>All</td>
<td>Regular Employees</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2016</td>
<td>6/30/2017</td>
<td>45.50</td>
<td>All</td>
<td>Summer Employees</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2016</td>
<td>6/30/2017</td>
<td>14.00</td>
<td>All</td>
<td>Graduate Students</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2016</td>
<td>6/30/2017</td>
<td>14.00</td>
<td>All</td>
<td>Undergraduate Student</td>
</tr>
<tr>
<td>PROV.</td>
<td>7/1/2016</td>
<td>6/30/2017</td>
<td>5.00</td>
<td>All</td>
<td>Regular Employees</td>
</tr>
<tr>
<td>PROV.</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>46.50</td>
<td>All</td>
<td>Summer Employees</td>
</tr>
<tr>
<td>PROV.</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>14.00</td>
<td>All</td>
<td>Graduate Students</td>
</tr>
<tr>
<td>PROV.</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>15.00</td>
<td>All</td>
<td>Undergraduate Student</td>
</tr>
<tr>
<td>PROV.</td>
<td>7/1/2017</td>
<td>6/30/2019</td>
<td>5.00</td>
<td>All</td>
<td></td>
</tr>
</tbody>
</table>

**DESCRIPTION OF FRINGE BENEFITS RATE BASE:**
Salaries and wages.
SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:

The fringe benefits are charged using the rate(s) listed in the Fringe Benefits Section of this Agreement. The fringe benefits included in the rate(s) are listed below.

1. These Facilities and Administrative cost rate apply when grants and contracts are awarded jointly to Research Foundation of SUNY and SUNY at Buffalo.

2. For all activities performed in facilities not owned or leased by the institution or to which rent is directly allocated to the project(s), the off-campus rate will apply. Actual costs will be apportioned between on-campus and off-campus components. Each portion will bear the appropriate rate.

3. The fringe benefit costs listed below are reimbursed to the grantee through the direct fringe benefit rates applicable to Research Foundation employees:

A. Retiree Health Insurance  G. Group Life Insurance
B. Retirement Expense  H. Long Term Dis. Ins.
C. Social Security  I. Workers' Compensation
D. NYS Unemployment Insurance  J. Dental Insurance
E. NYS Disability Insurance  K. Vacation & Sick Leave*
F. Group Health Insurance

*This component consists of payments for accrued unused vacation leave made in accordance with the Research Foundation Leave Policy to employees who have terminated, changed accruing status, or transferred. It also includes payments for absences over 30 calendar-days that are charged to sick leave.
The fringe benefit costs for State University of New York employees are charged utilizing the New York State fringe benefit rate for federal funds. This approved rate is contained in the New York State-Wide Cost Allocation Plan. This rate includes the following costs:

A. Social Security  E. Workers' Compensation
B. Retirement      F. Survivors' Benefits
C. Health Insurance G. Dental Insurance
D. Unemployment Benefits H. Employee Benefit Funds

4. Equipment means an article of nonexpendable, tangible personal property having a useful life of more than one year, and an acquisition cost of $5,000 or more per unit.

5. Treatment of Paid Absences: *Vacation, holiday, sick leave pay and other paid absences are included in salaries and wages and are claimed on grants, contracts and other agreements as part of the normal cost for salaries and wages. Separate claims for the cost of these paid absences are not made.

6. This rate applies to positions covered under the Intergovernmental Personnel Act (IPA) Mobility Program. This rate includes the applicable administrative costs only.
SECTION III: GENERAL

A. LIMITATIONS:
The rates in this Agreement are subject to any statutory or administrative limitations and apply to a given grant, contract or other agreement only to the extent that funds are available. Acceptance of the rates is subject to the following conditions: (1) Only costs incurred by the organization were included in its facilities and administrative cost pools as finally accepted; such costs are legal obligations of the organization and are allowable under the governing cost principles; (2) The same costs that have been treated as facilities and administrative costs are not claimed as direct costs; (3) Similar types of costs have been accorded consistent accounting treatment; and (4) The information provided by the organization which was used to establish the rates is not later found to be materially incomplete or inaccurate by the Federal Government. In such situations the rate(s) would be subject to renegotiation at the discretion of the Federal Government.

B. ACCOUNTING CHANGES:
This Agreement is based on the accounting system purported by the organization to be in effect during the Agreement period. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this Agreement require prior approval of the authorized representative of the cognizant agency. Such changes include, but are not limited to, changes in the charging of a particular type of cost from facilities and administrative to direct. Failure to obtain approval may result in cost disallowances.

C. FIXED RATES:
If a fixed rate is in this Agreement, it is based on an estimate of the costs for the period covered by the rate. When the actual costs for this period are determined, an adjustment will be made to a rate of a future year(s) to compensate for the difference between the costs used to establish the fixed rate and actual costs.

D. USE BY OTHER FEDERAL AGENCIES:
The rates in this Agreement were approved in accordance with the authority in Title 2 of the Code of Federal Regulations, Part 200 (2 CFR 200), and should be applied to grants, contracts and other agreements covered by 2 CFR 200, subject to any limitations in A above. The organization may provide copies of the Agreement to other Federal Agencies to give them early notification of the Agreement.

E. OTHER:
If any Federal contract, grant or other agreement is reimbursing facilities and administrative costs by a means other than the approved rate(s) in this Agreement, the organization should (1) credit such costs to the affected programs, and (2) apply the approved rate(s) to the appropriate base to identify the proper amount of facilities and administrative costs allocable to these programs.

BY THE INSTITUTION:

RFSUNY and SUNY at Buffalo

(SIGNATURE)

Christopher J. Wade

(NAME)

Senior Director Cost Accounting & Procurement

(TITLE)

May 18, 2016

(DATE)

ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(AGENCY)

(SIGNATURE)

Darryl W. Mayes

(NAME)

Deputy Director, Cost Allocation Services

(TITLE)

5/6/2016

(DATE) 0108

NHS REPRESENTATIVE: Ryan McCarthy

Telephone: (212) 264-2069
Components of Published Facilities & Administrative Cost Rate

Institution: RFSUNY and SUNY at Buffalo

FY Covered by Rate: 7/1/16-
Rate type: Predetermined 08/30/20

Rate Component

1. Depreciation - Bldgs & improvements 5.0%
2. Depreciation - Equipment 4.0%
3. Operation & Maintenance 16.5%
4. Interest 6.7%
5. Library 1.3%
6. General Administration 0.0%
7. Departmental Administration 26.0%
8. Sponsored Funds Administration 0.0%
9. Utility Cost Adjustment 0.0%

Published On-Campus Rate - Research 59.5%


Name Chris J. Wade
Title Senior Director of Cost Accounting & Procurement

Date May 18, 2016
Components of Published Facilities & Administrative Cost Rate

Institution: RFSUNY and SUNY at Buffalo

<table>
<thead>
<tr>
<th>FY Covered by Rate:</th>
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</tr>
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<tbody>
<tr>
<td>Rate type:</td>
<td>06/30/20</td>
</tr>
</tbody>
</table>

**Rate Component**

1. Depreciation - Bldgs & Improvements 0.0%
2. Depreciation - Equipment 0.0%
3. Operation & Maintenance 0.0%
4. Interest 0.0%
5. Library 0.0%
6. General Administration 0.0% *
7. Departmental Administration 26.0% *
8. Sponsored Funds Administration 0.0% *
9. Utility Cost Adjustment 0.0%

Published Off-Campus Rate - Research 26.0%


Name

Title Senior Director of Cost Accounting & Procurement

Date May 18, 2016
Components of Published Facilities & Administrative Cost Rate

Institution: RFSUNY and SUNY at Buffalo

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<tr>
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<tbody>
<tr>
<td>Rate type: Predetermined</td>
<td>06/30/20</td>
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</table>

Rate Component

1. Depreciation - Bldgs & Improvements 5.0%
2. Depreciation - Equipment 4.0%
3. Operation & Maintenance 16.5%
4. Interest 6.7%
5. Library 1.3%
6. General Administration 5.6%
7. Departmental Administration 12.5%
8. Sponsored Funds Administration 9.9%
9. Utility Cost Adjustment 0.0%

Published On-Campus Rate - Research DOD 61.5%


Name  

Title Senior Director of Cost Accounting & Procurement

Date May 18, 2016
Components of Published Facilities & Administrative Cost Rate:

Institution: RFSUNY and SUNY at Buffalo

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<thead>
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<tr>
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Rate Component

1. Depreciation - Bldgs & Improvements 0.0%
2. Depreciation - Equipment 0.0%
3. Operation & Maintenance 0.0%
4. Interest 0.0%
5. Library 0.0%
6. General Administration 5.6% *
7. Departmental Administration 12.5% *
8. Sponsored Funds Administration 9.9% *
9. Utility Cost Adjustment 0.0%

Published Off-Campus Rate - Research DOD 28.0%


Name

Title Senior Director of Cost Accounting & Procurement

Date May 18, 2016
Components of Published Facilities & Administrative Cost Rate

Institution: RFSUNY and SUNY at Buffalo

<table>
<thead>
<tr>
<th>Rate Component</th>
<th>Rate</th>
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<tbody>
<tr>
<td>1. Depreciation - Bldgs &amp; Improvements</td>
<td>1.6%</td>
</tr>
<tr>
<td>2. Depreciation - Equipment</td>
<td>1.5%</td>
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<tr>
<td>3. Operation &amp; Maintenance</td>
<td>8.1%</td>
</tr>
<tr>
<td>4. Interest</td>
<td>1.6%</td>
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<tr>
<td>5. Library</td>
<td>1.2%</td>
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<td>6. General Administration</td>
<td>0.0%</td>
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<tr>
<td>7. Departmental Administration</td>
<td>26.0%</td>
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<td>8. Sponsored Funds Administration</td>
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<tr>
<td>9. Student Services</td>
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</table>

Published On-Campus Rate - OSP 40.0%


Name

Title Senior Director of Cost Accounting & Procurement

Date May 18, 2016
Components of Published Facilities & Administrative Cost Rate

Institution: RFSUNY and SUNY at Buffalo

<table>
<thead>
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<th>FY Covered by Rate:</th>
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<table>
<thead>
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<th>Rate Component</th>
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<tbody>
<tr>
<td>1. Depreciation - Bldgs &amp; Improvements</td>
<td>0.0%</td>
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<tr>
<td>2. Depreciation - Equipment</td>
<td>0.0%</td>
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<tr>
<td>3. Operation &amp; Maintenance</td>
<td>0.0%</td>
</tr>
<tr>
<td>4. Interest</td>
<td>0.0%</td>
</tr>
<tr>
<td>5. Library</td>
<td>0.0%</td>
</tr>
<tr>
<td>6. General Administration</td>
<td>0.0%*</td>
</tr>
<tr>
<td>7. Departmental Administration</td>
<td>26.0%*</td>
</tr>
<tr>
<td>8. Sponsored Funds Administration</td>
<td>0.0%*</td>
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<td>9. Utility Cost Adjustment</td>
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<tr>
<td>Published Off-Campus Rate - OSP</td>
<td>26.0%</td>
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Name

Title Senior Director of Cost Accounting & Procurement

Date May 18, 2016
## Components of Published Facilities & Administrative Cost Rate

**Institution:** RFSUNY and SUNY at Buffalo

<table>
<thead>
<tr>
<th>FY Covered by Rate:</th>
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<tbody>
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<td>Rate type:</td>
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### Rate Component

<table>
<thead>
<tr>
<th>Rate Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>1. Depreciation - Bidgs &amp; Improvements</td>
<td>4.2%</td>
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<tr>
<td>2. Depreciation - Equipment</td>
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<tr>
<td>3. Operation &amp; Maintenance</td>
<td>10.8%</td>
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<tr>
<td>4. Interest</td>
<td>3.4%</td>
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<tr>
<td>5. Library</td>
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<tr>
<td>6. General Administration</td>
<td>0.0%</td>
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<tr>
<td>7. Departmental Administration</td>
<td>26.0%</td>
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<tr>
<td>8. Sponsored Funds Administration</td>
<td>0.0%</td>
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<tr>
<td>9. Student Services</td>
<td>0.0%</td>
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</table>

**Published On-Campus Rate- Instruction:** 55.5%


**Name**

[Signature]

**Title**
Senior Director of Cost Accounting & Procurement

**Date**
May 18, 2016
### Components of Published Facilities & Administrative Cost Rate

**Institution:** RFSUNY and SUNY at Buffalo

<table>
<thead>
<tr>
<th>FY Covered by Rate:</th>
<th>7/1/16-06/30/20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rate type:</strong> Predetermined</td>
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</tr>
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</table>

**Rate Component**

1. Depreciation - Bldgs & Improvements 0.0%
2. Depreciation - Equipment 0.0%
3. Operation & Maintenance 0.0%
4. Interest 0.0%
5. Library 0.0%
6. General Administration 0.0%
7. Departmental Administration 26.0%
8. Sponsored Funds Administration 0.0%
9. Utility Cost Adjustment 0.0%

**Published Off-Campus Rate - Instruction** 26.0%


**Name**

[Signature]

**Title**

Senior Director of Cost Accounting & Procurement

**Date**

May 18, 2016
## Components of Published Facilities & Administrative Cost Rate

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<table>
<thead>
<tr>
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<tbody>
<tr>
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</table>

### Rate Component

1. Depreciation - Bldgs & Improvements 0.0%
2. Depreciation - Equipment 0.0%
3. Operation & Maintenance 0.0%
4. Interest 0.0%
5. Library 0.0%
6. General Administration 0.8% *
7. Departmental Administration 0.0% *
8. Sponsored Funds Administration 8.2% *
9. Student Services 0.0%

**Published Rate - IPA** 9.0%


**Name**

**Title:** Senior Director of Cost Accounting & Procurement

**Date:** May 18, 2016