NEGOTIATION AGREEMENT

INSTITUTION: THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PA 16801-3857

The Fringe Benefit rates contained herein are for use on grants, contracts and/or other agreements issued or awarded to the Pennsylvania State University (PSU) by all Federal agencies of the United States of America in accordance with the cost principles mandated by 2 CFR Part 200. These rates shall be used for forward pricing and billing purposes for the PSU’s Fiscal Years 2019 and 2020. This rate agreement supersedes all previous rate agreements for Fiscal Years 2019 and 2020.

**Section I: RATES - TYPE:**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>RATE</th>
<th>BASE</th>
<th>APPLICABLE TO</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed</td>
<td>7/1/18</td>
<td>6/30/19</td>
<td>38.97%</td>
<td>(a)</td>
<td>Salaries</td>
<td>All</td>
</tr>
<tr>
<td>Fixed</td>
<td>7/1/18</td>
<td>6/30/19</td>
<td>7.81%</td>
<td>(b)</td>
<td>Wages</td>
<td>All</td>
</tr>
<tr>
<td>Fixed</td>
<td>7/1/18</td>
<td>6/30/19</td>
<td>14.74%</td>
<td>(c)</td>
<td>Graduate Assistants</td>
<td>All</td>
</tr>
<tr>
<td>Fixed</td>
<td>7/1/18</td>
<td>6/30/19</td>
<td>0.18%</td>
<td>(d)</td>
<td>Students</td>
<td>All</td>
</tr>
<tr>
<td>Fixed</td>
<td>7/1/18</td>
<td>6/30/19</td>
<td>25.34%</td>
<td>(e)</td>
<td>Postdoctoral Students</td>
<td>All</td>
</tr>
<tr>
<td>Prov</td>
<td>7/1/19</td>
<td>6/30/20</td>
<td>38.97%</td>
<td>(a)</td>
<td>Salaries</td>
<td>All</td>
</tr>
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<td>25.34%</td>
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<td>Postdoctoral Students</td>
<td>All</td>
</tr>
</tbody>
</table>
DISTRIBUTION BASES

(a) Salaries, excluding graduate assistants, postdoctoral scholars, fixed term II and visiting
faculty appointments not receiving full benefits.

(b) Wages and those salaries not receiving full benefits, exclusive of graduate assistants, student
wages, and postdoctoral scholar salaries.

(c) Graduate assistant salaries.

(d) Student wages.

(e) Postdoctoral Scholar salaries.

SECTION II - GENERAL TERMS AND CONDITIONS

A. LIMITATIONS: Use of the rates set forth under Section I is subject to any statutory or
administrative limitations and is 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
recipient were included in its indirect cost pool as finally accepted and that all such costs are
legal obligations of the recipient 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, in like circumstances, have been accorded consistent accounting treatment; (4) that the
information provided by the recipient, which was used as the basis for the acceptance of the rates
agreed to herein and expressly relied upon by the Government in negotiating 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 written approval of the authorized representative of the cognizant
negotiating agency for the Government prior to implementation of any such changes. 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. FIXED RATES WITH CARRY-FORWARD PROVISIONS: The fixed rates in this
agreement are based on estimates of the costs for FY 2019. When actual costs for the period are
determined, an adjustment will be made to the rates of a future year to recognize the difference
between the FY 2019 estimated costs used to establish the fixed rates and the negotiated actual
FY 2019 costs.

D. CARRY FORWARD AMOUNTS: The following estimated and final carry-forward
amounts were considered in the establishment of the FY 2019 rates:
<table>
<thead>
<tr>
<th>Employee Category</th>
<th>Final FY2010 CFW*</th>
<th>Final FY2011 CFW*</th>
<th>Estimated FY2017 CFW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>($5,341,523)</td>
<td>($5,490,821)</td>
<td>($13,927,486)</td>
</tr>
<tr>
<td>Wages</td>
<td>$1,498</td>
<td>$472</td>
<td>($69,104)</td>
</tr>
<tr>
<td>Graduate Assistants</td>
<td>$159</td>
<td>($86)</td>
<td>($684,505)</td>
</tr>
<tr>
<td>Student Wages</td>
<td>$393</td>
<td>($405)</td>
<td>($4,836)</td>
</tr>
<tr>
<td>Postdoctoral Scholar</td>
<td>$0</td>
<td>$0</td>
<td>($160,956)</td>
</tr>
<tr>
<td>Salaries</td>
<td>$0</td>
<td>$0</td>
<td>($160,956)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>($5,339,473)</td>
<td>($5,490,840)</td>
<td>($14,846,887)</td>
</tr>
</tbody>
</table>

*Denotes liquidation of FY2010 final and FY2011 final carry-forwards.

( ) denotes over-recovery

E. **PROVISIONAL RATES:** The provisional rates contained in this agreement are subject to unilateral amendment by the Government or bilateral amendment by the contracting parties at any time.

F. **USE BY OTHER FEDERAL AGENCIES:** The rates set forth in Section I hereof were 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 is applicable, 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.

Accepted:

FOR PENNSYLVANIA STATE UNIVERSITY:

[Signature]

Joseph J. Doncsecz
Associate Vice President for Finance and Corporate Controller

5/16/18

FOR THE U.S. GOVERNMENT:

[Signature]

Betty Tingle, Contracting Officer

1204289359

For information concerning this agreement contact:

Betty Tingle, Contracting Officer
Office of Naval Research

Phone: (703) 696-7742
E-mail: betty.tingle@navy.mil