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.

SECTION I: INDIRECT COST RATES

<table>
<thead>
<tr>
<th>RATE TYPES:</th>
<th>EFFECTIVE PERIOD</th>
<th>LOCATION</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIXED</td>
<td>FROM TO</td>
<td>RATE (%)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PRED. 07/01/2017</td>
<td>47.50</td>
<td>On-Campus</td>
</tr>
<tr>
<td></td>
<td>PRED. 07/01/2017</td>
<td>26.00</td>
<td>Off-Campus</td>
</tr>
<tr>
<td></td>
<td>PRED. 07/01/2017</td>
<td>50.50</td>
<td>On-Campus</td>
</tr>
<tr>
<td></td>
<td>PRED. 07/01/2017</td>
<td>26.00</td>
<td>Off-Campus</td>
</tr>
<tr>
<td></td>
<td>PRED. 07/01/2017</td>
<td>47.50</td>
<td>On-Campus</td>
</tr>
<tr>
<td></td>
<td>PRED. 07/01/2017</td>
<td>26.00</td>
<td>Off-Campus</td>
</tr>
<tr>
<td>PROV.</td>
<td>07/01/2021 Until Amended</td>
<td>Use same rates and conditions as those cited for fiscal year ending June 30, 2021</td>
<td></td>
</tr>
</tbody>
</table>

*BASE
Modified total direct costs, consisting of all salaries and wages, fringe benefits, materials, supplies, services, travel, and subgrants and subcontracts up to the first $25,000 of each subgrant or subcontract (regardless of the period covered by the subgrant or subcontract). Modified total direct costs shall exclude equipment, capital expenditures, charges for patient care, student tuition remission, rental costs of off-site facilities, scholarships, and fellowships as well as a portion of each subgrant and subcontract in excess of $25,000.
ORGANIZATION: Calif State Univ, Long Beach Research Fdn FKA: CSU, Long Beach & the Fdn
AGREEMENT DATE: 10/11/2017

**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>
</tr>
</thead>
<tbody>
<tr>
<td>FIXED</td>
<td>7/1/2017</td>
<td>6/30/2018</td>
<td>24.20</td>
<td>Foundation</td>
<td>Regular Employee</td>
</tr>
<tr>
<td>PROV</td>
<td>7/1/2018</td>
<td>6/30/2019</td>
<td>24.20</td>
<td>Foundation</td>
<td>Regular Employee</td>
</tr>
</tbody>
</table>

**DESCRIPTION OF FRINGE BENEFITS RATE BASE:**
Salaries and wages excluding vacation, holiday, sick leave pay and other paid absences.
SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:

For Foundation Regular Employees, this organization uses a fringe benefit rate which includes the costs of State unemployment, Retiree Medical, Cafeteria Plan and VEBA, and is applied to salaries and wages and budgeting and charging purposes for Federal projects. Actual costs are used for charging purposes for the following fringe benefits: FICA, WORKERS COMPENSATION, HEALTH/LIFE INSURANCE, DISABILITY, MEDICARE AND RETIREMENT.

For Foundation employment categories other than Foundation Regular Employees, the organization uses a fringe benefit rate which includes the costs of State Unemployment and is applied to salaries and wages for budgeting and charging purposes for Federal projects. Actual costs are used for charging purposes for the following fringe benefits: FICA, WORKERS COMPENSATION, AND MEDICARE.

For University Employees, a state calculated fringe benefit rate is used for budgeting purposes for Federal projects. Faculty are released to the Foundation when working on Federal projects, and fringe benefits are reimbursed by the Foundation to the University. The following fringe benefits are treated as direct costs: SUI, SDI, WORKERS COMPENSATION, HEALTH/LIFE INSURANCE, AND RETIREMENT.

TREATMENT OF PAID ABSENCES

For Foundation Regular Employees, the cost of Vacation and Other Paid Absences (OPA) are included in a fringe benefit rate and are not included in direct charges for salaries and wages. Charges for salaries and wages must exclude those paid to Foundation Regular Employees on Vacation or OPA.

For Foundation employment categories other than Foundation Regular Employees, Vacation and OPA are not provided. Thus, charges separate from salaries and wages are not made for this type of benefit.

For University Employees, Vacation and OPA are included in salaries and wages. Separate claims for these costs are not made. Faculty are released to the Foundation when working on Federal projects, and Vacation and OPA are reimbursed by the Foundation to the University as part of the normal charge for salaries and wages.
ORGANIZATION: Calif State Univ, Long Beach Research Fdn FKA: CSU, Long Beach & the Fdn
AGREEMENT DATE: 10/11/2017

DEFINITION OF EQUIPMENT:
Equipment is defined as tangible non-expendable personal property having a useful life of more than one year and an acquisition cost of $5,000 or more per unit.

The four-year extension of the indirect cost rate was granted in accordance with 2 CFR 200.414(g).

NEXT PROPOSAL DUE DATE
The next fringe benefit proposal based on actual costs for fiscal year ending 06/30/2017 will be due no later the 12/31/2017.
The next F&A proposal based on actual costs for fiscal year ending 06/30/2020 will be due no later than 12/31/2020.
ORGANIZATION: Calif State Univ, Long Beach Research Fdn FKA: CSU, Long Beach & the Fdn
AGREEMENT DATE: 10/11/2017

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 in a manner 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:
Calif State Univ, Long Beach Research Fdn FKA: CSU, Long Beach & the Fdn

[Signature]
Brian M. Nowlin, Ed.D.
Chief Operating Officer

DATED: 10/20/2017

ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

[Signature]
Arif M. Karim
Director, Cost Allocation Services

DATED: 10/11/2017

HHS REPRESENTATIVE:
Helen Fung
Telephone: (415) 437-7820