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>FIXED</th>
<th>FINAL</th>
<th>PROV. (PROVISIONAL)</th>
<th>PRED. (PREDETERMINED)</th>
</tr>
</thead>
</table>

#### EFFECTIVE PERIOD

<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>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>65.00</td>
<td>On-Campus</td>
<td>Organized Res.</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>26.00</td>
<td>Off-Campus</td>
<td>Organized Res.</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>45.00</td>
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<td>Instruction</td>
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<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>26.00</td>
<td>Off-Campus</td>
<td>Instruction</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>30.50</td>
<td>On-Campus</td>
<td>Other Spon Act</td>
</tr>
<tr>
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<td>07/01/2016</td>
<td>06/30/2020</td>
<td>26.00</td>
<td>Off-Campus</td>
<td>Other Spon Act</td>
</tr>
<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>26.00</td>
<td>Off-Campus</td>
<td>Info Sci Inst</td>
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<tr>
<td>PRED.</td>
<td>07/01/2016</td>
<td>06/30/2020</td>
<td>26.00</td>
<td>Off-Campus</td>
<td>Ctr Creative Tech</td>
</tr>
</tbody>
</table>

PROV. 07/01/2020 Until Amended (1)

*BASE
(1) Use the same rates and conditions as those cited for fiscal year ending June 30, 2020.

*BASE: Modified total direct costs, consisting of all direct salaries and wages, fringe benefits, materials, 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, tuition remission, rental costs of off-site facilities, scholarships, and fellowships as well as the portion of each subaward in excess of $25,000.

The off-campus base shall exclude facilities rental costs and operations and maintenance expenses from the direct cost items of materials and supplies and services.
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>PRED.</td>
<td>7/1/2018</td>
<td>6/30/2019</td>
<td>33.20 (1)</td>
<td>All</td>
<td>All Employees</td>
</tr>
<tr>
<td>PRED.</td>
<td>7/1/2019</td>
<td>6/30/2020</td>
<td>32.00 (1)</td>
<td>All</td>
<td>All Employees</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2018</td>
<td>6/30/2019</td>
<td>7.80 (2)</td>
<td>All</td>
<td>Ctr. Creative Tech.</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2019</td>
<td>6/30/2020</td>
<td>7.60 (2)</td>
<td>All</td>
<td>Ctr. Creative Tech.</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2018</td>
<td>6/30/2020</td>
<td>22.50 (3)</td>
<td>All</td>
<td>Post Docs.</td>
</tr>
</tbody>
</table>

** DESCRIPTION OF FRINGE BENEFITS RATE BASE:

(1) Direct salaries and wages including vacation, holiday, and sick pay of faculty and staff personnel only. Rate does not apply to student employees, Research Assistants or Teaching Assistants.

(2) Direct salaries and wages excluding all fringe benefits.

(3) Direct salaries and wages including vacation, holiday and sick pay. This rate is applicable for post docs who received their hire notification after 7/1/12.
SECTION II: SPECIAL REMARKS

TREATMENT OF FRINGE BENEFITS:

This organization uses a fringe benefit rate which is applied to salaries and wages for both budgeting and charging purposes for Federal projects. The following fringe benefits are included in the fringe benefit rate: SOCIAL SECURITY, RETIREMENT PLANS, HEALTH AND DENTAL, UNEMPLOYMENT, WORKERS COMPENSATION, SABBATICAL LEAVE, EMPLOYEE TUITION REMISSION, LIFE INSURANCE, AND MISCELLANEOUS EMPLOYEES SERVICES. A separate rate is also applied for the Information sciences Institute and the Centers for Creative Technologies for vacation and personal days off.

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 costs of these paid absences are not made except for paid absences that have been earned but not taken when an individual separates from the university prior to the completion of the grant, contract or other agreement.

The cost of vacation and personal days off are included in the Information Sciences Institute and the Centers for Creative Technologies fringe benefit rates. Federal projects must be credited for salaries and wages for periods when employees are on vacation or personal days off. Holiday, sick leave pay, and other paid absences are included in salaries and wages and are charged to Federal projects as part of the normal charge for salaries and wages.
DEFINITION OF OFF-CAMPUS: A project is considered off-campus if the activity is conducted at locations other than in University owned or operated facilities and indirect costs associated with physical plant and library are not considered applicable to the project.

Projects conducted partially on-campus and partially off-campus: Actual costs will be apportioned between on-campus and off-campus sites consistent with where the work is performed and each portion will bear the appropriate on-campus or off-campus rate.

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

The rates relating to the Information Sciences Institute (ISI) and Centers for Creative Technologies (CCT) are effective for the periods identified in the negotiation agreement provided that the ISI and CCT funding or costing mechanisms now in place remain unchanged.

The four year extension of the F&A rates was granted in accordance with 2 CFR 200.414(g).

NEXT PROPOSAL DUE DATE
A F&A proposal based on actual costs for fiscal year ending 06/30/19, will be due no later than 12/31/19.
The next fringe rate proposal based on actual costs for the fiscal year ending 6/30/19, will be due no later than 12/31/19.
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:
University of Southern California

[Signature]
James Staten
Senior Vice President, Finance & Chief Financial Officer

[Date]
March 18, 2019

ON BEHALF OF THE FEDERAL GOVERNMENT:

[Agency]
DEPARTMENT OF HEALTH AND HUMAN SERVICES

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

[Date]
3/15/2019

HHS REPRESENTATIVE: Patrick Smith
Telephone: (415) 437-7820