HOSPITALS RATE AGREEMENT

EIN: 951644600

ORGANIZATION:
Cedars-Sinai Medical Center
P.O. Box 48750
Los Angeles, CA 90048

DATE: 07/18/2018

FILING REF.: The preceding agreement was dated 01/19/2018

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>FINAL</td>
<td>07/01/2013</td>
<td>06/30/2015</td>
<td>70.00</td>
<td>On-Site</td>
<td>Research</td>
</tr>
<tr>
<td>PROV.</td>
<td>07/01/2015</td>
<td>06/30/2017</td>
<td>75.00</td>
<td>On-Site</td>
<td>Research</td>
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<td>06/30/2018</td>
<td>72.00</td>
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<td>Research</td>
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<td>06/30/2019</td>
<td>70.00</td>
<td>On-Site</td>
<td>Research</td>
</tr>
</tbody>
</table>

*BASE

Total direct costs excluding capital expenditures (buildings, individual items of equipment; alterations and renovations), that portion of each subaward in excess of $25,000; hospitalization and other fees associated with patient care whether the services are obtained from an owned, related or third party hospital or other medical facility; rental/maintenance of off-site activities; student tuition remission and student support costs (e.g., student aid, stipends, dependency allowances, scholarships, fellowships).
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>29.10</td>
<td>All</td>
<td>Research</td>
</tr>
<tr>
<td>FIXED</td>
<td>7/1/2018</td>
<td>6/30/2019</td>
<td>33.10</td>
<td>All</td>
<td>Research</td>
</tr>
</tbody>
</table>

** DESCRIPTION OF FRINGE BENEFITS RATE BASE:
Salaries and wages including vacation, holiday, sick leave pay and other paid absences.
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.

TREATMENT OF PAID ABSENCES
Beginning 07/01/12, charges for vacation, holiday, sick leave pay, and other paid absences are included in salaries and wages charged to grants only for time actually taken. Beginning 07/01/12, the annual change in accrued paid-time off (earned but not taken) is included in the organization's fringe benefit rate.

DEFINITION OF EQUIPMENT
Equipment means tangible personal property (including information technology systems) having a useful life of more than one year and a per-unit acquisition cost which equals or exceeds $5,000.

The following fringe benefits are included in the fringe benefit rate(s): FICA, HEALTH/LIFE INSURANCE, WORKERS COMPENSATION, UNEMPLOYMENT INSURANCE, RETIREMENT PLAN, TUITION REIMBURSEMENT, RTD SUBSIDY, AND THE ANNUAL CHANGE IN ACCRUED PAID-TIME OFF (PTO).

NEXT PROPOSAL DUE DATE
A fringe benefit proposal based on actual costs for fiscal year ending 06/30/18, will be due no later than 12/31/18.
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 indirect cost pool 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 indirect 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 indirect 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 cost principles promulgated by the Department of Health and Human Services, and should be applied to the grants, contracts and other agreements covered by these regulations subject to any limitations in A above. The hospital 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 indirect 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 indirect costs allocable to these programs.

BY THE INSTITUTION:
Cedars-Sinai Medical Center

(INSTITUTION)

(SIGNATURE)
Paul Bovanim

(NAME)
Executive Director, Reimbursement

(TITLE)

(DATE) 7/23/18

ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(AGENCY)

(SIGNATURE) Arif M. Karim -S

(NAME) Arif Karim

(TITLE) Director, Cost Allocation Services

(DATE) 7/18/2018

NHS REPRESENTATIVE: Stanley Huynh

Telephone: (415) 437-7820