FOR-PROFIT ENTITY RATE AGREEMENT

EIN #: 48-0680117

INSTITUTION:
University of Kansas Center for Research, Inc.
2385 Irving Hill Road
Lawrence, KS 66045-7568

The rates approved in this agreement are for use on grants, contracts and other agreements with for-profit entities. These rates are also applicable to the University of Kansas, EIN #: 48-6029925. The rates are based on calculations from which federally negotiated rates resulted.

SECTION I: FACILITIES AND ADMINISTRATIVE RATES

EFFECTIVE PERIOD

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>RATE (%)</th>
<th>LOCATIONS</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/1/2015</td>
<td>6/30/2016</td>
<td>56%</td>
<td>On Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>7/1/2016</td>
<td>6/30/2019</td>
<td>57.5%</td>
<td>On Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>7/1/2015</td>
<td>6/30/2016</td>
<td>32%</td>
<td>Off Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>7/1/2016</td>
<td>6/30/2019</td>
<td>33.5%</td>
<td>Off Campus</td>
<td>All Programs</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.

SECTION II SPECIAL REMARKS

Treatment of Fringe Benefits:
The fringe benefits are specifically identified to each employee and are charged individually as direct costs. The directly claimed fringe benefits include FICA, Disability Insurance, Life Insurance, Health Insurance, Kan Elect, Retirement, Worker's Compensation, Unemployment Insurance, and Leave Payment Reserve.

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 are not made for the cost of these paid absences.

Off-Campus Definition:
For all activities performed in facilities not owned by the institution and to which rent is directly allocated to the project(s), the off-campus rate will apply. Grants or contracts will not be subject to more than one F&A cost rate. If more than 50% of a project is performed off-campus, the off-campus rate will apply to the entire project.

Equipment Definition:
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.

BY THE INSTITUTION:

University of Kansas Center for Research, Inc.

Sara Rosen,
Interim Vice Chair, University of Kansas Center for Research, Inc.
Interim Provost and Executive Vice Chancellor, University of Kansas