COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN: 1756002622A1
ORGANIZATION:
Texas Tech University
169 Administration Bldg., Box 41075
Lubbock, TX 79409-1075

DATE: 03/12/2014
FILING REF.: The preceding agreement was dated 06/03/2011

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: Facilities And Administrative Cost Rates

<table>
<thead>
<tr>
<th>TYPE</th>
<th>FROM</th>
<th>TO</th>
<th>RATE(%) LOCATON</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRED.</td>
<td>09/01/2013</td>
<td>08/31/2018</td>
<td>49.00 On Campus</td>
<td>Organized Research</td>
</tr>
<tr>
<td>PRED.</td>
<td>09/01/2013</td>
<td>08/31/2018</td>
<td>49.00 On Campus</td>
<td>Instruction</td>
</tr>
<tr>
<td>PRED.</td>
<td>09/01/2013</td>
<td>08/31/2018</td>
<td>37.00 On Campus</td>
<td>Other Sponsored Activities</td>
</tr>
<tr>
<td>PRED.</td>
<td>09/01/2013</td>
<td>08/31/2018</td>
<td>14.00 All</td>
<td>IPA</td>
</tr>
<tr>
<td>PRED.</td>
<td>09/01/2013</td>
<td>08/31/2018</td>
<td>26.00 Off Campus</td>
<td>All Programs</td>
</tr>
<tr>
<td>PROV.</td>
<td>09/01/2018</td>
<td>08/31/2020</td>
<td></td>
<td>Use same rates and conditions as those cited for fiscal year ending August 31, 2018.</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 the portion of each subgrant and subcontract in excess of $25,000.
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 are listed below.

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 projects predominantly performed in facilities not provided by the institution, the off-campus rate would apply.

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.

FRINGE BENEFITS:

FICA
Retirement
Worker's Compensation
Life Insurance
Unemployment Insurance
Health Insurance
Retiree Insurance
Lump Sum Vacation
Tuition Remission
Longevity Pay
Hazardous Duty Pay

Your next proposal based on actual costs for the fiscal year ending 08/31/17 is due in our office by 02/28/18.
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 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 Office of Management and Budget Circular A-21, and should be applied to grants, contracts and other agreements covered by this Circular, 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 shall (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:
Texas Tech University

(SIGNATURE)
Robert V. Duncan
(NAME)
Vice President for Research
(TITLE)
3/31/2014
(DATE)

ON BEHALF OF THE FEDERAL GOVERNMENT:
DEPARTMENT OF HEALTH AND HUMAN SERVICES

(SIGNATURE)
Arif Karim
(NAME)
Director, Division of Cost Allocation
(TITLE)
1/12/2014
(DATE) 0137

FED REPRESENTATIVE: Shon Turner
Telephome: (214) 767-3261
March 12, 2014

Dr. Robert Duncan  
Vice President for Research  
Office of the Vice President for Research  
Texas Tech University  
169 Administration Building, P.O. Box 42016  
Lubbock, TX 79409-1075

Dear Dr. Duncan:

A copy of an indirect cost Rate Agreement is being faxed to you for signature. This Agreement reflects an understanding reached between your organization and a member of my staff concerning the rate(s) that may be used to support your claim for Indirect costs on grants and contracts with the Federal Government.

Please have the original signed by an authorized representative of your organization and fax it to me, retaining the copy for your files. Our fax number is (214) 767-3264. We will reproduce and distribute the Agreement to the appropriate awarding organizations of the Federal Government for their use.

The Office of Management and Budget (OMB) has requested that we reach an agreement with each institution on components for the published F&A cost rates. The attached form(s) are provided for that purpose. Please sign the form(s) and return them with the agreement.

An indirect cost proposal, together with the supporting information, are required to substantiate your claim for indirect costs under grants and contracts awarded by the Federal Government. Thus, your next proposal based on actual costs for the fiscal year ending 08/31/17 is due in our office by 02/28/18.

Sincerely,

[Signature]

Arif Kanim  
Director, Central States Field Office  
Division of Cost Allocation

Enclosures,

PLEASE SIGN AND FAX A COPY OF THE RATE AGREEMENT
<table>
<thead>
<tr>
<th>RATE COMPONENTS:</th>
<th>ORGANIZED RESEARCH</th>
<th>INSTRUCTION</th>
<th>OTHER SPON ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>On-Camp FY 14 - 18</td>
<td>Off-Camp FY 14 - 18</td>
<td>On-Camp FY 14 - 18</td>
</tr>
<tr>
<td>Building Depreciation</td>
<td>2.3</td>
<td>2.3</td>
<td>2.0</td>
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<tr>
<td>Equipment Depreciation</td>
<td>8.6</td>
<td>8.6</td>
<td>1.5</td>
</tr>
<tr>
<td>Interest</td>
<td>0.5</td>
<td>0.5</td>
<td>0.6</td>
</tr>
<tr>
<td>Operations &amp; Maintenance</td>
<td>10.4</td>
<td>10.4</td>
<td>5.6</td>
</tr>
<tr>
<td>Library</td>
<td>1.2</td>
<td>1.2</td>
<td>1.3</td>
</tr>
<tr>
<td>Utility Cost Allowance</td>
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<td>Administrative Component</td>
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<tr>
<td>F&amp;A Rate</td>
<td>49.0</td>
<td>26.0</td>
<td>37.0</td>
</tr>
</tbody>
</table>

CONCURRENCE:

Texas Tech University
(Institution)

(Signature)

(Name)

(Title)

(Date)