COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN: 1436003859

ORGANIZATION:

University of Missouri System

118 University Hall

Columbia, MO 65211-3020

DATE:04/11/2017

FILING REF.: The preceding

agreement was dated

07/07/2016

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

RATE TYPES:

FIXED

FINAL

PROV. (PROVISIONAL)

PRED. (PREDETERMINED)

EFFECTIVE PERIOD

| TYPE | FROM | TO | RATE(%) LOCATION | APPLICABLE TO |
|-------|------------|------------------|------------------|---|
| PRED. | 07/01/2016 | 06/30/2020 | 55.00 On Campus | Organized Research |
| PRED. | 07/01/2016 | 06/30/2020 | 45.00 On Campus | Instruction |
| PRED. | 07/01/2016 | 06/30/2020 | 33.00 On Campus | Other Sponsored Activities |
| PRED. | 07/01/2016 | 06/30/2020 | 26.00 Off Campus | All Programs |
| PROV. | 07/01/2020 | Until Amended | | Use same rates and conditions as those cited for fiscal year ending June 30, 2020. |

*BASE

AGREEMENT DATE: 4/11/2017

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. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.

AGREEMENT DATE: 4/11/2017

SECTION I: FRINGE BENEFIT RATES**

7/1/2017

7/1/2017

7/1/2018

FIXED FIXED

PROV.

| TYPE | FROM | TO | RATE(%) LOCATION | APPLICABLE TO |
|-------|----------|-----------|------------------|---------------|
| FIXED | 7/1/2016 | 6/30/2017 | 21.48 All | (1) |
| FIXED | 7/1/2016 | 6/30/2017 | 24.94 All | (2) |
| FIXED | 7/1/2016 | 6/30/2017 | 24.49 All | (3) |
| FIXED | 7/1/2016 | 6/30/2017 | 25.83 All | (4) |
| FIXED | 7/1/2016 | 6/30/2017 | 24.88 All | (5) |

22.00 All

27.40 All

Use same rates and conditions as those cited for fiscal year ending June 30, 2018.

(1)

(6)

- (1) Med School Employees Columbia
- (2) All Other Employees Columbia
- (3) All Employees Kansas City
- (4) All Employees St. Louis
- (5) All Employees Science & Technology
- (6) All Employees Except Medical School Employees Columbia

6/30/2018

6/30/2018

Until

amended

^{**} DESCRIPTION OF FRINGE BENEFITS RATE BASE: Salaries and wages.

AGREEMENT DATE: 4/11/2017

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. FICA is specifically identified to each employee and is charged individually as direct costs. The fringe benefits included in the rate(s) are listed in the Special Remarks Section of this agreement.

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-SITE DEFINITION: For all activities performed in facilities not owned by the organization and to which rent is directly allocated to the project(s), the off-site rate will apply. Actual costs will be apportioned between onsite and off-site components. Each portion will bear the appropriate rate.

FRINGE BENEFITS:

Disability Insurance Dental Insurance Worker's Compensation Retirement Life Insurance Tuition Remission Unemployment Insurance Wellness Program Health Insurance

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.

The next fringe benefit rate proposal based on actual costs for the fiscal year ending 06/30/2017 is due in our office by 12/31/2017. The next facilities and administrative cost rate proposal based on actual costs for the fiscal year ending 06/30/2019 is due in our office by 12/31/2019.

Effective 7/1/2016, the Facilities & Administrative rates shown on page 1 of this rate agreement apply to the four (4) University of Missouri campuses listed below:

- University of Missouri Columbia (1436003859B4)
- University of Missouri Kansas City (EIN 1436003859A1)
- University of Missouri St. Louis (EIN 1436003859B1)
- Missouri University of Science & Technology (EIN 1436003859A3)

AGREEMENT DATE: 4/11/2017

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 principles; (2) The same 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:

(DATE)

BY THE INSTITUTION:

University of Missouri System

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.

Ryan D. Rapp

(NAME) Interim Vice President for Finance & Chief Financial Officer

(TITLE) 4/18/2017

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(AGENCY)

Arif M. Karim -A

Digitally signed by Aif M. Karim -A

Dix. ca.U.S. Government, our PFC, our PFC

(214) 767-3261

ON BEHALF OF THE FEDERAL GOVERNMENT:

Telephone:



DEPARTMENT OF HEALTH & HUMAN SERVICES

Program Support Center Financial Management Portfolio Cost Allocation Services

1301 Young Street, Room 732 Dallas, TX 75202 PHONE: (214) 767-3261 FAX: (214) 767-3264 EMAIL: CAS-Dallas@psc.hhs.gov

April 11, 2017

Mr. Ryan Rapp Interim Vice President for Finance and Chief Financial Officer University of Missouri System 118 University Hall Columbia, MO 65211-3020

Dear Mr. Rapp:

A copy of the indirect rate cost Rate Agreement is being sent 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 F&A and fringe benefit costs on grants and contracts with the Federal Government.

Please have the Agreement signed by an authorized representative of your organization, email to me, retaining a copy for your files. Our email address is casdallas@psc.hhs.gov. We will reproduce and distribute the Agreement to the appropriate awarding organizations of the Federal Government for their use.

In addition, both parties agree to the following over (+) / under (-) recoveries:

| | 2016/2018 | 2015/2017 |
|-------------------------------|---------------|---------------|
| Columbia - Medical School | \$520,368 | \$(11,876) |
| Columbia – All Employees | | \$1,351,763 |
| Kansas City – All Employees | | \$(914,805) |
| St. Louis – All Employees | | \$(1,208,573) |
| MU Science & Tech – All Empl. | | \$637,760 |
| All Empl. Except Med School | \$(4,179,279) | |

These amounts are included in your fixed fringe benefit rates for the fiscal year ending 6/30/2017 and 6/30/2018 which are listed in the attached Rate Agreement. The fixed rate(s) for fiscal year ended 2015 and 2016 are considered final.

Mr. Ryan Rapp April 11, 2017 Page 2

Requirements for adjustments to costs claimed under Federal Grants and Contracts resulting from this negotiation are dependent upon the type of rate contained in the negotiation agreement. Information relating to these requirements is enclosed.

A Fringe Benefit cost proposal, together with supporting information, is required each year. Thus, your next Fringe Benefit cost proposal based on actual costs for the fiscal year ending June 30, 2017 is due in our office by December 31, 2017.

An F&A cost proposal, together with supporting information, are required to substantiate your claim for F&A costs under grants and contracts awarded by the Federal Government. Your F&A cost proposal for fiscal year ending June 30, 2019 is due in our office by December 31, 2019.

Since this is an integral part of the Negotiation Agreement, please note your acceptance by signing in the space provided below.

Sincerely,

Arif M. Karim Digitally signed by Arif M. Karim -A DN: c=US, o=US. Government, ou=HHS, ou=PSC, ou=People, cn=Arif M. Karim -

A, 0.9.2342.19200300.100.1.1=2000212895

Arif Karim Director

Cost Allocation Services

Enclosures

ACCEPTANCE

| Universit | y of Missouri System |
|-------------|--|
| (Institutio | on) |
| (Name) | 2)2 |
| (Signatur | Куан Б. Карр |
| | Interim Vice President for Finance & Chief Financial Officer |
| (Title) | 4/18/2017 |
| (Date) | 1 3 |