COLLEGES AND UNIVERSITIES RATE AGREEMENT

EIN #: 54-6001805
DATE: August 3, 1994

INSTITUTION:
Virginia Tech
201 Southgate Center
Blacksburg VA 24061-0312

FILING REF.: The preceding Agreement was dated May 16, 1994

ORIGINAL

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 II.

SECTION I: INDIRECT COST RATES*

<table>
<thead>
<tr>
<th>RATE TYPES:</th>
<th>EFFECTIVE PERIOD</th>
<th>RATE(%)</th>
<th>LOCATIONS</th>
<th>APPLICABLE TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRED.</td>
<td>07/01/94 06/30/95</td>
<td>46.0</td>
<td>On-Campus</td>
<td>Research</td>
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<td>Research</td>
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<td>Agr. Experiment</td>
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<td>25.0</td>
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<td>Agr. Experiment</td>
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</table>

*BASE: Modified total direct costs, consisting of all salaries and wages, fringe benefits, materials and supplies, services, travel and subgrants and subcontracts up to $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 and 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 charged using the rate(s) listed in the Fringe Benefits Section of this Agreement. 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 for the costs of these paid absences are not made.
INSTITUTION:
Virginia Tech

AGREEMENT DATE: August 3, 1994

SECTION I: INDIRECT COST RATES (CONT.) *

<table>
<thead>
<tr>
<th>RATE TYPES: FIXED</th>
<th>FINAL</th>
<th>PROV. (PROVISIONAL)</th>
<th>PRED. (PREDETERMINED)</th>
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<tbody>
<tr>
<td>TYPE</td>
<td>EFFECTIVE PERIOD</td>
<td>RATE(%)</td>
<td>LOCATIONS</td>
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INSTITUTION:  
Virginia Tech

AGREEMENT DATE: August 3, 1994

SECTION I: FRINGE BENEFITS RATES**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>EFFECTIVE PERIOD</th>
<th>RATE(%)</th>
<th>LOCATIONS</th>
<th>APPLICABLE TO</th>
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<tr>
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</table>

**DESCRIPTION OF FRINGE BENEFITS RATE BASE:
Salaries and wages.
SECTION II: 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 institution were included in its indirect cost pool as finally accepted: such costs are legal obligations of the institution 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 institution 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 institution 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 authority in Office of Management and Budget Circular A-88, and should be applied to grants, contracts and other agreements covered by the Office of Management and Budget Circular A-21, subject to any limitations in A above. The institution 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 institution 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.
F. SPECIAL REMARKS:

Fringe Benefits include: FICA, Retirement, Life Insurance, Educational Leave for employees, Faculty-Staff fee waivers, Workers’ Compensation, Health and Unemployment Insurance.

The rates in this Agreement have been negotiated to reflect the administrative cap provisions of the revision to OMB Circular A-21 published by the Office of Management and Budget on October 3, 1991. No rate affecting the institution’s fiscal periods beginning on or after October 1, 1991 contains total administrative cost components more than the 26 percent cap.

BY THE INSTITUTION:
Virginia Tech

(INSTITUTION)

(SIGNATURE)

(NAME)

(TITLE)

(DATE)

BY THE COGNIZANT AGENCY
ON BEHALF OF THE FEDERAL GOVERNMENT:

DEPARTMENT OF HEALTH AND HUMAN SERVICES

(AGENCY)

(Charles J. Seed)

(SIGNATURE)

(NAME)

(TITLE)

(AUGUST 3, 1994)

(DATE)

HHS REPRESENTATIVE: Gilbert Tran

Telephone: (202) 401-2808