A. SENIOR PERSONNEL: PI/PD. Co-PIs, Faculty and Other Senior"

1. Dr. Edward L. Jones
   
   Summer tasks: Project administration—annual reporting, planning. Direct and coordinate 
   student research projects. Exploratory prototyping of ideas before assigning as student 
   project. Develop and evolve the artifacts test bed and the structures needed to access 
   them by project sub-areas. Publish and present papers at conferences.

B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)

3. GRADUATE STUDENTS

   note1: Academic year Research Assistantship -- TestLab Project
   Base pay per student = $1200/mo = 10800
   note2: 3 months summer support per student = $1200/mo = 3600 (summer)
   YEARS 2-4 only.

   Duties: Perform TestLab projects leading to M.S. thesis and defense. Develop artifacts 
   used in the certification program. Publish and present papers at conferences.

   note3: Annual raise 3%

C. FRINGE BENEFITS (if charged as Direct Costs)

D. PERMANENT EQUIPMENT (List Item and Dollar Amount for Each Item Exceeding $1000):

1. Workstations for TestLab (UNIX/PCs)

   note1: 4 project workstations (PC/Unix/Linux) will be acquired to provide dedicated 
   computing/research platforms for TestLab students.

   note2: Average cost per recent purchases = $2500

2. Supporting A/V Equipment

   note1: Portable computer-presentation project to support presentations/demos and 
   training in TestLab products and processes.

   note2: Average cost per recent purchases = $3500
E. TRAVEL  1. DOMESTIC (Incl. Canada and U.S. Possessions)

Estimating Formulas for Domestic & Foreign Travel

1. DOMESTIC (Incl. Canada and U.S. Possessions)

   note1: Estimated travel accommodation costs (4 day trip)

   $ 200  Conference Registration:
   $ 140  Ground Transportation/car rental: 4 days @ $35/day
   $  80  Per Diem: 4 days @ $21
   $ 450  Hotel: $150 x 3 nights
   $  40  Airport parking/mileage
   $1000  Average continental US air fare

   -------
   $1910  total

   note2: Student and faculty rates assumed the same.

2. FOREIGN TRAVEL

   note1: Estimated accommodations & air fare (6 day trip)

   $ 200  Conference Registration:
   $ 200  Ground Transportation/car rental: 5 days @ $40/day
   $ 105  Per Diem: 5 days @ $21
   $ 800  Hotel: $160 x 5 nights
   $  50  Airport parking/mileage
   $2000  Average international US air fare

   -------
   $3355  total
### Year-by-Year Travel to Conferences to Present Technical Papers:

<table>
<thead>
<tr>
<th>Project Year</th>
<th>Event</th>
<th>Location</th>
<th>Traveler</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CCSC Southeast 2002</td>
<td>Southeast college</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>SIGCSE 2002 – national education conf.</td>
<td>continental US</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>ADMI 2002 – HBCU conference.</td>
<td>east coast US</td>
<td>2 students</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DOMESTIC TOTAL</td>
</tr>
<tr>
<td>2</td>
<td>CCSC Northeast</td>
<td>Northeast college</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>SIGCSE 2003</td>
<td>continental US</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>ADMI 2003</td>
<td>east coast US</td>
<td>2 students</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DOMESTIC TOTAL</td>
</tr>
<tr>
<td>3</td>
<td>CCSC Southeast 2004</td>
<td>Southeast college</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>SIGCSE 2004</td>
<td>continental US</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>ADMI 2004</td>
<td>east coast US</td>
<td>2 students</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DOMESTIC TOTAL</td>
</tr>
<tr>
<td>4</td>
<td>CCSC Southeast 2005</td>
<td>Southeast college</td>
<td>Student</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>Int'l Conf on Software Engineering 2005</td>
<td>Europe</td>
<td>PI</td>
<td>$3355</td>
</tr>
<tr>
<td></td>
<td>ADMI 2005</td>
<td>east coast US</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 student</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DOMESTIC TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>FOREIGN TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TOTAL TOTAL</td>
</tr>
<tr>
<td>5</td>
<td>CCSC Southeast 2006</td>
<td>Southeast college</td>
<td>student</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>SIGCSE 2006</td>
<td>continental US</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td>ADMI 2006</td>
<td>east coast US</td>
<td>PI</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 student</td>
<td>$1910</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DOMESTIC TOTAL</td>
</tr>
</tbody>
</table>
F. PARTICIPANT SUPPORT COSTS

# Stipend Travel Subsist. Other
a. K-12 (Students)
b. K-12 (Teachers)
c. Undergraduate
d. Graduate (tuition waiver)
	note1: $2000 for Fall + $2000 for Spring + $1000 for Summer = $5000 / student
	note2: No Summer tuition waiver in year #5.
	note3:

e. Faculty

( ) TOTAL PARTICIPANT COSTS

G. OTHER DIRECT COSTS

1. MATERIALS AND SUPPLIES
	note1: Expendable supplies, including computer peripherals $1000
	note2: Bulb for projector purchased years 1, 3, 5 $ 500

2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION

	note3: Starting year 3, additional supplies to support outreach:
TestLab publications -- brochures, printed materials, newsletters. Media for dissemination (e.g., CD-ROMs, video).

Costs increase over last three years:
Year 3 -- $500
Year 4 -- $1000
Year 5 -- $1500

H. TOTAL DIRECT COSTS (A THROUGH G)

I. INDIRECT COSTS (SPECIFY RATE AND BASE)

a. 42.5 of FAMU Direct Costs Minus (Equipment + Participant Costs)
b. 42.5 of first $25,000 of Subcontract for 1st year"

TOTAL INDIRECT COSTS

J. TOTAL DIRECT AND INDIRECT COSTS (H+I)

K. RESIDUAL FUNDS (If for further support of current projects see GPM 252 and 253)

L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)

PI/PD TYPED NAME & SIGNATURE  Edward L. Jones