

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)						February 2003			
BUDGET ACTIVITY <b>1 - Basic research</b>			PE NUMBER AND TITLE <b>0601228A - Historically Black Colleges and Universities/Minor</b>				PROJECT <b>D53</b>		
COST (In Thousands)			FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate
D53	HBCU/MI		0	0	14083	14230	14483	14735	15357
<p><b><u>A. Mission Description and Budget Item Justification:</u></b> Prior to FY04, this effort was centrally funded by the Office of Secretary of Defense (OSD) in PE 0602228D8Z. This program funds research at Historically Black Colleges and Universities and Minority Institutions (HBCU/MI), Hispanic Serving Institutions (HSI), and Tribal Colleges (TC). This program provides infrastructure support in fields of science, mathematics and engineering that are important to national defense and encourages participation of small minority schools and minority research universities. This competitive program provides support through grants or contracts for research, collaborative research, education assistance, instrumentation purchases, and technical assistance at minority institutions nationwide in the following areas:</p> <ul style="list-style-type: none"> <li>· Research: The research grants are designed to further knowledge in the basic scientific disciplines through theoretical and empirical activities. Collaborative research allows university professors to work directly with military laboratories or other universities. Collaborators may include other educational institutions (not necessarily HBCU/MIs, HSIs or TCs ), a DoD laboratory or Research, Development, and Engineering Center (RDEC), a DoD University Affiliated Research Center (UARC), and/or industry or small business partner.</li> <li>· Education: Education assistance funds are used by the selected minority institutions to strengthen their academic programs in science, mathematics, and engineering thereby increasing the number of under-represented minorities obtaining undergraduate and graduate degrees in these fields. These grants provide equipment, scholarships, cooperative work/study opportunities, visiting faculty programs, summer programs, and a variety of other enhancements designed to support students and to encourage them to pursue careers in science, mathematics, and engineering.</li> <li>· Infrastructure: Funds for instrumentation allow minority institutions to enhance their capability to perform research of interest to the Department. This program allows the university to purchase basic laboratory equipment for education program enhancements and/or highly sophisticated research equipment, such as lasers and spectrometers.</li> <li>· Technical assistance: These funds are used to design programs to enhance the ability of minority institutions to successfully compete for future Army funding. The objective is to assist the HBCU/MI, HSI and TC communities in areas including proposal writing and administration of grants and contracts.</li> </ul> <p>The cited work is consistent with the Army Science and Technology Master Plan (ASTMP), the Army Modernization Plan and supports the Objective transition path of the Transformation Campaign Plan. No Defense Emergency Response Funds have been provided to this program/project.</p>									

<b>ARMY RDT&amp;E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)</b>		<b>February 2003</b>																																																					
BUDGET ACTIVITY <b>1 - Basic research</b>	PE NUMBER AND TITLE <b>0601228A - Historically Black Colleges and Universities/Minor</b>			PROJECT <b>D53</b>																																																			
<b><u>Accomplishments/Planned Program</u></b>																																																							
- In FY04, continue evaluations of awards made with prior year funds. This program will make competitive awards to HBCU/MI institutions, Hispanic Serving Institutions (HSI), and Tribal Colleges (TC). These awards will be a combination of new awards and continuations of some grants and other efforts awarded in the previous year depending on technical progress. In FY05, continue evaluation of awards made with prior year funds and make additional competitive new awards to HBCU/MIs, HSIs and TCs.		FY 2002	FY 2003	FY 2004	FY 2005																																																		
		0	0	14083	14230																																																		
Totals		0	0	14083	14230																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%; padding: 5px;"><b><u>B. Program Change Summary</u></b></th> <th style="width: 10%; text-align: center; padding: 5px;">FY 2002</th> <th style="width: 10%; text-align: center; padding: 5px;">FY 2003</th> <th style="width: 10%; text-align: center; padding: 5px;">FY 2004</th> <th style="width: 10%; text-align: center; padding: 5px;">FY 2005</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Previous President's Budget</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> </tr> <tr> <td style="padding: 5px;">Current Budget (FY 2004/2005 PB)</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">14083</td> <td style="text-align: center; padding: 5px;">14230</td> </tr> <tr> <td style="padding: 5px;">Total Adjustments</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">0</td> <td style="text-align: center; padding: 5px;">14083</td> <td style="text-align: center; padding: 5px;">14230</td> </tr> <tr> <td style="padding: 5px;">Congressional program reductions</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Congressional rescissions</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Congressional increases</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Reprogrammings</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">SBIR/STTR Transfer</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Adjustments to Budget Years</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;">14083</td> <td style="text-align: center; padding: 5px;">14230</td> </tr> </tbody> </table>						<b><u>B. Program Change Summary</u></b>	FY 2002	FY 2003	FY 2004	FY 2005	Previous President's Budget	0	0	0	0	Current Budget (FY 2004/2005 PB)	0	0	14083	14230	Total Adjustments	0	0	14083	14230	Congressional program reductions					Congressional rescissions					Congressional increases					Reprogrammings					SBIR/STTR Transfer					Adjustments to Budget Years			14083	14230
<b><u>B. Program Change Summary</u></b>	FY 2002	FY 2003	FY 2004	FY 2005																																																			
Previous President's Budget	0	0	0	0																																																			
Current Budget (FY 2004/2005 PB)	0	0	14083	14230																																																			
Total Adjustments	0	0	14083	14230																																																			
Congressional program reductions																																																							
Congressional rescissions																																																							
Congressional increases																																																							
Reprogrammings																																																							
SBIR/STTR Transfer																																																							
Adjustments to Budget Years			14083	14230																																																			
Significant Changes: FY04 - PE devolved from OSD to Army; funds research at Historically Black Colleges and Universities and Minority Institutions (HBCU/MI), Hispanic Serving Institutions (HSI), and Tribal Colleges (TC).																																																							