

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE February 1995	
BUDGET ACTIVITY 6 - Management Support			PE NUMBER AND TITLE 0605605A DOD High Energy Laser System Test Facility						PROJECT DE97	
COST (In Thousands)	FY 1994 Actual	FY 1995 Estimate	FY 1996 Estimate	FY 1997 Estimate	FY 1998 Estimate	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	Cost to Complete	Total Cost
DE97 DoD High Energy Laser Systems Test Facility (HELSTF)	24471	24474	3000	0	0	0	0	0	9300	TBD
<p>A. <u>Mission Description and Budget Item Justification:</u> Project DE97 DoD High Energy Laser Systems Test Facility (HELSTF): The HELSTF provides a broad based high energy laser (HEL) RDTE capability at White Sands Missile Range, NM in support of tri-service HEL research and development and damage, vulnerability, and lethality laser testing. The HELSTF's laser development support capabilities include a certified laser test range, a fully integrated laser support facility, an extensive array of fully instrumented test sites and the Sea Lite Beam Director (SLBD). This multiple use facility supports testing of laser effects at any power level against any type of target, from scaled laboratory up through full scale flying target tests. The Mid-Infrared Advanced Chemical Laser (MIRACL) will be terminated in FY96. The Army will maintain the HEL system infrastructure. Funding for the remaining mission will be transitioned to the institutional Program Element 0605601, Army Test Ranges/Facilities in FY96. Test ranges support operations are required for general research and development; therefore, this PE is appropriate for inclusion in Budget Activity 6.</p> <p>FY 1994 Accomplishments:</p> <ul style="list-style-type: none"> • Performed required operation and maintenance activities (4471) • Provided support to HEL Testing to include Navy/United Kingdom (UK) Point Defense Demonstration (PDD), the Air Force Airborne Laser (ABL) Program, Storm TMD target tracking tests, explosive testing of Large Blast Thermal Simulator Components, plus other tests involving the MIRACL and the other HELSTF facilities (20000) <p>FY 1995 Planned Program:</p> <ul style="list-style-type: none"> • Perform required site operations and maintenance activities (3961) • Provide Support to HEL testing to include follow on to Navy/UK PDD, the Air Force ABL Program plus other smaller experiments (17500) • Support Nautilus Program (2500) • SBIR/STTR (513) <p>FY 1996 Planned Program:</p> <ul style="list-style-type: none"> • Provide funding to perform required site operations and maintenance activities to maintain HEL system infrastructure and terminate MIRACL (3000) 										

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B. Program Change Summary	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>
Previous President's Budget	0	0	0	0
Appropriated Value (Congressional Plus-up)	24471	24474		
Adjustments to Appropriated Value				
Current President's Budget	24471	24474	3000	0
C. Other Program Funding Summary: Not Applicable				
D. Schedule Profile: Not Applicable				