

KECK										
HIRES CCD Upgrade										
BUDGET REPORT										
For the Period: November 1, 2001 through June 30, 2003										
Date Prepared: July 25, 2003										
Revision #1: Changed Labor Estimates to Reflect Proposal to CARA.										
Prepared by: Luis Carrillo										
		Labor	Labor	Labor	Actual	Materials & Supplies		TOTALS		
ACTIVITY/TASK	Activity Cod	Est. Hours	Actual Hr	Est. Amt.	Cost	Estimate	Actual	Total Est. Cos	Total Actual Cos	% Expende
Administration	KHCCDA						\$ 115.82	\$ -	\$ 115.82	
Dewar Electronics Box	KHCCDB	890.00	2,074.25	\$ 58,205.80	\$141,067.40	\$ 4,500.00	\$ 24,185.57	\$ 62,705.80	\$ 165,252.97	264%
Science Grade CCDs	KHCCDC	665.00	129.00	\$ 43,138.55	\$ 8,161.81	\$ 9,000.00	\$ 7,788.73	\$ 52,138.55	\$ 15,950.54	31%
Doc. Existing Dewar	KHCCDD	400.00	235.00	\$ 32,928.80	\$ 15,779.41	\$ 3,000.00	\$ -	\$ 35,928.80	\$ 15,779.41	44%
New Dewar Eng./Fab.	KHCCDE	1,940.00	3,128.50	\$ 132,312.20	\$189,556.78	\$ 23,000.00	\$ 17,444.30	\$ 155,312.20	\$ 207,001.08	133%
Field Flattener	KHCCDF	260.00	184.00	\$ 22,162.00	\$ 17,150.61	\$ 2,400.00	\$ -	\$ 24,562.00	\$ 17,150.61	70%
CCD Contr. Foot Lkr.	KHCCDG	160.00	165.00	\$ 8,959.60	\$ 11,399.10	\$ 3,700.00	\$ 1,406.65	\$ 12,659.60	\$ 12,805.75	101%
Commissioning	KHCCDH	420.00		\$ 27,947.00		\$ 21,000.00		\$ 48,947.00	\$ -	0%
Leach 2 VME CCD Co	KHCCDL	1,330.00	506.00	\$ 74,459.00	\$ 26,194.86	\$ 44,733.00	\$ 51,121.36	\$ 119,192.00	\$ 77,316.22	65%
Project Management	KHCCDM	304.00	179.00	\$ 29,348.16	\$ 11,702.71		\$ -	\$ 29,348.16	\$ 11,702.71	40%
Pack and Ship	KHCCDP	160.00		\$ 6,161.60		\$ 6,000.00		\$ 12,161.60	\$ -	0%
HIRES SW Uprades	KHCCDS	800.00	50.00	\$ 62,721.60	\$ 3,375.05	\$ 600.00		\$ 63,321.60	\$ 3,375.05	5%
Assembly and Test	KHCCDT	1,500.00	849.00	\$ 110,021.14	\$ 47,790.37		\$ 1,202.05	\$ 110,021.14	\$ 48,992.42	45%
Leach 2 VME Crate	KHCCDV	240.00		\$ 18,592.80		\$ 14,600.00	\$ 7,949.68	\$ 33,192.80	\$ 7,949.68	24%
TOTALS		9,069.00	7,499.75	\$ 626,958.25	\$472,178.10	\$ 132,533.00	\$111,214.16	\$ 759,491.25	\$ 583,392.26	77%
CONTINGENCY								\$ 151,896.98		
PROJECT TOTAL								\$ 911,388.23		

NOTES:										
1. Science grade CCD's not funded via this proposal.										
2. CDB Rate = 17.4%, had initially changed to 6.8% but reversed rate until decision regarding CDB is made.										
3. As per D. Cowley, overtime will be permitted on this project.										
4. Project Management - D. Cowley - 5% of Totals hours										
5. Estimated Costs for Materials and Supplies includes Tax and Shipping.										
6. We hope to begin work on this project in October/November 2001 and anticipate completing fabrication in approximately 1 year (provided that other Lab. Priorities do not supersede).										
7. TOTAL PROJECT = \$911,388.01. CARA Purchase Order No. 91203 provides \$450,000.00 for fiscal year 2002. Balance of \$261,388.01 will be forthcoming during Fiscal Year 2003. The remaining \$200,000.00 will be provided by Dr. Geoff. Marcy.										
8. As per request of D. Cowley 8/14/02 moved \$9,000.00 from KHCCDE to KHCCDC										
9. As per D. Cowley, P0179168 (Vegter Barry) and P0180513 (Robin Materials) moved from KHCCDT to KHCCDE.										
10. As per D. Cowley, P0180619 (Teltec Corporation) moved from KHCCDM to KHCCDE										