					WBS V500 Fri 6	/21/13							
ID	WBS	Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Det
1	1	1 HPS		\$1,496,812.18	\$1,930,055.73	\$1,074,983.10	\$1,257,308.48	\$3,187,364.22	\$77,915.31	\$20,834.95	\$927,517.86	\$567,682.74	\$1,692,163.62 Wo
2	1.1	1.1 Beamline		\$219,204.04	\$284,965.25	\$141,210.00	\$183,573.00	\$468,538.25	\$0.00	\$0.00	\$0.00	\$325,366.24	\$143,172.02 _{Wo}
3	1.1.1	1.1.1 Beamline Design		\$8,966.40	\$11,656.32	\$0.00	\$0.00	\$11,656.32	\$0.00	\$0.00	\$0.00	\$0.00	\$11,656.32 Wo
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		MD Hall-B		\$8,966.40	\$11,656.32	\$0.00	\$0.00	\$11,656.32	\$0.00	\$0.00	\$0.00	\$0.00	\$11,656.32 Wo
4	1.1.2	1.1.2 Beamline Review		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
5	1.1.3	1.1.3 Platform in the Alcove	INFRA	\$43,539.52	\$56,601.38	\$41,000.00	\$53,300.00	\$109,901.38	\$0.00	\$0.00	\$0.00	\$109,901.38	\$0.00 _{Wo}
		Platform Alcove	INFRA	\$0.00	\$0.00	\$41,000.00	\$53,300.00	\$53,300.00	\$0.00	\$0.00	\$0.00	\$53,300.00	\$0.00 Wo
		MD Hall-B	INFRA	\$17,932.80	\$23,312.64	\$0.00	\$0.00	\$23,312.64	\$0.00	\$0.00	\$0.00	\$23,312.64	\$0.00 Wo
		ME Hall-B	INFRA	\$10,662.72	\$13,861.54	\$0.00	\$0.00	\$13,861.54	\$0.00	\$0.00	\$0.00	\$13,861.54	\$0.00 _{Wo}
		MT Hall-B	INFRA	\$14,944.00	\$19,427.20	\$0.00	\$0.00	\$19,427.20	\$0.00	\$0.00	\$0.00	\$19, <i>4</i> 27.20	\$0.00 _{Wo}
6	1.1.4	1.1.4 Magnet Power	INFRA	\$6,664.20	\$8,663.46	\$20,000.00	\$26,000.00	\$34,663.46	\$0.00	\$0.00	\$0.00	\$34,663.46	\$0.00 _{Wo}
		Magent Power	INFRA	\$0.00	\$0.00	\$20,000.00	\$26,000.00	\$26,000.00	\$0.00	\$0.00	\$0.00	\$26,000.00	\$0.00 Wo
		ME Hall-B	INFRA	\$6,664.20	\$8,663.46	\$0.00	\$0.00	\$8,663.46	\$0.00	\$0.00	\$0.00	\$8,663.46	\$0.00 _{Wo}
7	1.1.5	1.1.5 New Beamline Elements & Diagnostics	INFRA	\$104,608.00	\$135,990.40	\$30,000.00	\$39,000.00	\$174,990.40	\$0.00	\$0.00	\$0.00	\$174,990.40	\$0.00 _{Wo}
		New Beamline Diagnostics	INFRA	\$0.00	\$0.00	\$30,000.00	\$39,000.00	\$39,000.00	\$0.00	\$0.00	\$0.00	\$39,000.00	\$0.00 Wo
		MD Hall-B	INFRA	\$44,832.00	\$58,281.60	\$0.00	\$0.00	\$58,281.60	\$0.00	\$0.00	\$0.00	\$58,281.60	\$0.00 Wo
		MT Hall-B	INFRA	\$59,776.00	\$77,708.80	\$0.00	\$0.00	\$77,708.80	\$0.00	\$0.00	\$0.00	\$77,708.80	\$0.00 _{Wo}
8	1.1.6	1.1.6 Frascati beampipe 1		\$0.00	\$0.00	\$7,450.00	\$9,685.00	\$9,685.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,685.00 Wo
		Frascati beampipe 1		\$0.00	\$0.00	\$7,450.00	\$9,685.00	\$9,685.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,685.00 Wo
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
9	1.1.7	1.1.7 SVT Vacuum Box		\$18,482.40	\$24,027.12	\$8,640.00	\$11,232.00	\$35,259.12	\$0.00	\$0.00	\$0.00	\$0.00	\$35,259.12 Wo
		Electron Run Flange		\$0.00	\$0.00	\$5,400.00	\$7,020.00	\$7,020.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,020.00 Wo
		Marco Oriunno (ME)		\$7,344.00	\$9,547.20	\$0.00	\$0.00	\$9,547.20	\$0.00	\$0.00	\$0.00	\$0.00	\$9,547.20 Wo
		Matt Swift (MD)		\$11,138.40	\$14,479.92	\$0.00	\$0.00	\$14,479.92	\$0.00	\$0.00	\$0.00	\$0.00	\$14,479.92 Wo
		Vacuum Flange hardware		\$0.00	\$0.00	\$1,080.00	\$1,404.00	\$1,404.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,404.00 Wo
		Conflat gaskets		\$0.00	\$0.00	\$2,160.00	\$2,808.00	\$2,808.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,808.00 <mark>Wo</mark>
		Linear Shifts		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
		Cooling Feedthrough		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wc
10	1.1.8	1.1.8 Electron Target		\$12,790.80	\$16,628.04	\$4,320.00	\$5,616.00	\$22,244.04	\$0.00	\$0.00	\$0.00	\$0.00	\$22,244.04 Wo
		ElectronŤarget		\$0.00	\$0.00	\$4,320.00	\$5,616.00	\$5,616.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,616.00 <mark>W</mark> o
		Matt McCulloch (MT)		\$5,446.80	\$7,080.84	\$0.00	\$0.00	\$7,080.84	\$0.00	\$0.00	\$0.00	\$0.00	\$7,080.84 <mark>W</mark> o
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Marco Oriunno (ME)		\$7,344.00	\$9,547.20	\$0.00	\$0.00	\$9,547.20	\$0.00	\$0.00	\$0.00	\$0.00	\$9,547.20 Wo
11	1.1.9	1.1.9 SVT Collimator Protection		\$9,531.84	\$12,391.39	\$14,900.00	\$19,370.00	\$31,761.39	\$0.00	\$0.00	\$0.00	\$0.00	\$31,761.39 <mark>Wo</mark>
		ME Accelerator JLAB		\$3,554.24	\$4,620.51	\$0.00	\$0.00	\$4,620.51	\$0.00	\$0.00	\$0.00	\$0.00	\$4,620.51 Wo
		MT Accelerator JLAB		\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88 <mark>Wo</mark>
		SVT Collimator Protection		\$0.00	\$0.00	\$14,900.00	\$19,370.00	\$19,370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,370.00 <mark>W</mark> o
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
12	1.1.10	1.1.10 Beam Offset Monitor		\$7,754.72	\$10,081.14	\$4,470.00	\$5,811.00	\$15,892.14	\$0.00	\$0.00	\$0.00	\$5,811.00	\$10,081.14 Wo
		Beam Offset Monitor	INFRA	\$0.00	\$0.00	\$4,470.00	\$5,811.00	\$5,811.00	\$0.00	\$0.00	\$0.00	\$5,811.00	\$0.00 <mark>Wo</mark>
		ME Hall-B		\$1,777.12	\$2,310.26	\$0.00	\$0.00	\$2,310.26	\$0.00	\$0.00	\$0.00	\$0.00	\$2,310.26 Wo
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				WBS V500 Fri 6	6/21/13							
ID	WBS	Task Name	Type Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital De
		MT Hall-B	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88 Wo
		Stepan Stepanyan (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
13	1.1.11	1.1.11 Beam Profile Monitor	\$0.00	\$0.00	\$10,430.00	\$13,559.00	\$13,559.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,559.00 <mark>W</mark>
		Insertable YAG Viewer	\$0.00	\$0.00	\$10,430.00	\$13,559.00	\$13,559.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,559.00 Wo
		Stepan Stepanyan (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
14	1.1.12	1.1.12 Installation review	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wa
15	1.1.13	1.1.13 HPS Beamline Installation	\$6,866.16	\$8,926.01	\$0.00	\$0.00	\$8,926.01	\$0.00	\$0.00	\$0.00	\$0.00	\$8,926.01 Wo
		Stepan Stepanyan (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		ME Hall-B	\$888.56	\$1,155.13	\$0.00	\$0.00	\$1,155.13	\$0.00	\$0.00	\$0.00	\$0.00	\$1,155.13 Wo
		MT Hall-B	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88 <mark>W</mark>
16	1.1.14	1.1.14 Beamline Installed	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
17	1.2	1.2 SVT	\$346,316.76	\$451,984.75	\$160,671.00	\$204,194.20	\$656,178.95	\$8,412.00	\$10,038.00	\$74,827.44	\$42,614.00	\$538,737.51 Wo
18	1.2.1	1.2.1 SVT Design Review	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
19	1.2.2	1.2.2 Layers 1-3	\$53,305.20	\$66,193.92	\$26,960.00	\$37,104.00	\$103,297.92	\$0.00	\$0.00	\$0.00	\$0.00	\$103,297.92 Wo
		Matt McCulloch (MT)	\$16,340.40	\$19,608.48	\$0.00	\$0.00	\$19,608.48	\$0.00	\$0.00	\$0.00	\$0.00	\$19,608.48 Wo
		Matt Swift (MD)	\$22,276.80	\$28,959.84	\$0.00	\$0.00	\$28,959.84	\$0.00	\$0.00	\$0.00	\$0.00	\$28,959.84 Wo
		Tensioners	\$0.00	\$0.00	\$12,960.00	\$18,144.00	\$18,144.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,144.00 Wo
		Assembly Fixture	\$0.00	\$0.00	\$1,200.00	\$1,440.00	\$1,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,440.00 Wo
		U Support	\$0.00	\$0.00	\$10,800.00	\$15,120.00	\$15,120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,120.00 Wo
		Cables Fixtures	\$0.00	\$0.00	\$2,000.00	\$2,400.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,400.00 Wo
		Tim Nelson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Marco Oriunno (ME)	\$14,688.00	\$17,625.60	\$0.00	\$0.00	\$17,625.60	\$0.00	\$0.00	\$0.00	\$0.00	\$17,625.60 WG
20	1.2.3	1.2.3 Layer 1-3 Ready	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 WG
	1.2.4	1.2.3 Layer 1-3 Ready 1.2.4 Layers 4-6	\$77,785.20	\$106,671.60	\$42,470.00	\$59,058.00	\$165,729.60	\$7,896.00	\$10,038.00	\$17,934.00	\$0.00	\$147,795.60 WG
	1.2.7		\$22,276.80	\$28,959.84	\$0.00	\$0.00	\$28,959.84	\$0.00	\$0.00	\$0.00	\$0.00	\$28,959.84 Wo
		Matt Swift (MD)	\$21,787.20	\$30,502.08	\$0.00	\$0.00	\$30,502.08	\$0.00	\$0.00	\$0.00	\$0.00	\$30,502.08 W
		Matt McCulloch (MT)	\$4,345.20	\$6,083.28	\$0.00	\$0.00	\$6,083.28	\$0.00	\$0.00	\$0.00	\$0.00	\$6,083.28 W
		Tung Phan (ET)	\$0.00	\$0.00	\$0.00	\$0.00	\$0,003.20	\$0.00	\$0.00	\$0.00	\$0.00	
		FNAL Composite	\$0.00	\$0.00	\$2,000.00	\$2,400.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Cables Fixtures	\$0.00	\$0.00	\$2,000.00	\$4,284.00	\$4,284.00	\$0.00	\$2,142.00	\$2,142.00	\$0.00	\$2,400.00 Wo
		Wirebonding Fixture	\$0.00	\$0.00	\$12,960.00	\$18,144.00	\$18,144.00	\$4,536.00	\$4,536.00	\$2,142.00	\$0.00	\$2,142.00 Wo
		Tensioners	\$0.00	\$0.00	\$12,900.00	\$8,400.00	\$18,144.00	\$4,330.00	\$3,360.00	\$6,720.00	\$0.00	\$9,072.00 Wo
		Assembly Fixture	\$0.00	\$0.00	\$0,000.00	\$15,120.00	\$6,400.00 \$15,120.00	\$3,360.00	\$3,360.00	\$0,720.00	\$0.00	\$1,680.00 Wo
		U Support										\$15,120.00 Wo
		Tim Nelson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Marco Oriunno (ME)	\$29,376.00	\$41,126.40	\$0.00	\$0.00	\$41,126.40	\$0.00	\$0.00	\$0.00	\$0.00	\$41,126.40 Wo
22	105	Kapton passivation	\$0.00	\$0.00	\$7,650.00	\$10,710.00	\$10,710.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,710.00 Wo
	1.2.5	1.2.5 Layer 4-6 Ready	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
23	1.2.6	1.2.6 Hybrids Assembly & Wirebonding	\$0.00	\$0.00	\$27,000.00	\$27,000.00	\$27,000.00	\$0.00				\$27,000.00 Wo
		Subcontract Santa Cruz	\$0.00	\$0.00	\$27,000.00	\$27,000.00	\$27,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,000.00 Wo
24	1.2.7	1.2.7 C-Support	\$21,579.12	\$25,894.94	\$2,160.00	\$2,592.00	\$28,486.94	\$0.00		\$0.00	\$0.00	\$28,486.94 Wo
		Matt Swift (MD)	\$11,138.40	\$13,366.08	\$0.00	\$0.00	\$13,366.08	\$0.00	\$0.00	\$0.00	\$0.00	\$13,366.08 Wo
		Matt McCulloch (MT)	\$2,178.72	\$2,614.46	\$0.00	\$0.00	\$2,614.46	\$0.00	\$0.00	\$0.00	\$0.00	\$2,614.46 W
		C-support	\$0.00 \$0.00	<i>\$0.00</i> <i>\$0.00</i>	<i>\$2,160.00</i> <i>\$0.00</i>	<i>\$2,592.00</i> <i>\$0.00</i>	<i>\$2,592.00</i> <i>\$0.00</i>	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$2,592.00 Wo \$0.00 Wo
		Tim Nelson (Phys)							\$0.00		\$0.00	

					WBS V500 Fri 6	/21/13							
ID	WBS	Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital De
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Marco Oriunno (ME)		\$8,262.00	\$9,914.40	\$0.00	\$0.00	\$9,914.40	\$0.00	\$0.00	\$0.00	\$0.00	\$9,914.40 W
25	1.2.8	1.2.8 DAQ Support/Cooling		\$18,360.00	\$25,704.00	\$3,725.00	\$5,215.00	\$30,919.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,919.00 W
		Matt Swift (MD)		\$5,569.20	\$7,796.88	\$0.00	\$0.00	\$7,796.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,796.88 <mark>W</mark>
		Matt McCulloch (MT)		\$5,446.80	\$7,625.52	\$0.00	\$0.00	\$7,625.52	\$0.00	\$0.00	\$0.00	\$0.00	\$7,625.52 W
		DAQ Support		\$0.00	\$0.00	\$3,725.00	\$5,215.00	\$5,215.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,215.00 W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Marco Oriunno (ME)		\$7,344.00	\$10,281.60	\$0.00	\$0.00	\$10,281.60	\$0.00	\$0.00	\$0.00	\$0.00	\$10,281.60 W
26	1.2.9	1.2.9 Baseplate		\$18,360.00	\$22,032.00	\$5,400.00	\$6,480.00	\$28,512.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28,512.00 W
		Matt Swift (MD)		\$5,569.20	\$6,683.04	\$0.00	\$0.00	\$6,683.04	\$0.00	\$0.00	\$0.00	\$0.00	\$6,683.04 W
		Matt McCulloch (MT)		\$5,446.80	\$6,536.16	\$0.00	\$0.00	\$6,536.16	\$0.00	\$0.00	\$0.00	\$0.00	\$6,536.16 W
		Baseplate		\$0.00	\$0.00	\$5,400.00	\$6,480.00	\$6,480.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,480.00 <mark>W</mark>
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Marco Oriunno (ME)		\$7,344.00	\$8,812.80	\$0.00	\$0.00	\$8,812.80	\$0.00	\$0.00	\$0.00	\$0.00	\$8,812.80 W
27	1.2.10	1.2.10 Motion Levers		\$10,673.28	\$12,807.94	\$4,320.00	\$5,184.00	\$17,991.94	\$0.00	\$0.00	\$0.00	\$0.00	\$17,991.94 W
		Matt Swift (MD)		\$5,569.20	\$6,683.04	\$0.00	\$0.00	\$6,683.04	\$0.00	\$0.00	\$0.00	\$0.00	\$6,683.04 W
		Matt McCulloch (MT)		\$3,268.08	\$3,921.70	\$0.00	\$0.00	\$3,921.70	\$0.00	\$0.00	\$0.00	\$0.00	\$3,921.70 W
		Flex links		\$0.00	\$0.00	\$4,320.00	\$5,184.00	\$5,184.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,184.00 W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Marco Oriunno (ME)		\$1,836.00	\$2,203.20	\$0.00	\$0.00	\$2,203.20	\$0.00	\$0.00	\$0.00	\$0.00	\$2,203.20 W
28	1.2.11	1.2.11 Vacuum Flanges		\$40,269.60	\$56,377.44	\$800.00	\$880.00	\$57,257.44	\$0.00	\$0.00	\$56,377.44	\$0.00	\$880.00 W
		Matt Swift (MD)	OP	\$11,138.40	\$15,593.76	\$0.00	\$0.00	\$15,593.76	\$0.00	\$0.00	\$15,593.76	\$0.00	\$0.00 W
		Matt McCulloch (MT)	OP	\$21,787.20	\$30,502.08	\$0.00	\$0.00	\$30,502.08	\$0.00	\$0.00	\$30,502.08	\$0.00	\$0.00 W
		8" CF Flange		\$0.00	\$0.00	\$800.00	\$880.00	\$880.00	\$0.00	\$0.00	\$0.00	\$0.00	\$880.00 W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Marco Oriunno (ME)	OP	\$7,344.00	\$10,281.60	\$0.00	\$0.00	\$10,281.60	\$0.00	\$0.00	\$10,281.60	\$0.00	\$0.00 W
29	1.2.12	1.2.12 Shipping Crates		\$14,767.56	\$17,721.07	\$15,056.00	\$18,067.20	\$35,788.27	\$516.00	\$0.00	\$516.00	\$0.00	\$35,272.27 _W
		Matt Swift (MD)		\$1,670.76	\$2,004.91	\$0.00	\$0.00	\$2,004.91	\$0.00	\$0.00	\$0.00	\$0.00	\$2,004.91 W
		Matt McCulloch (MT)		\$10,893.60	\$13,072.32	\$0.00	\$0.00	\$13,072.32	\$0.00	\$0.00	\$0.00	\$0.00	\$13,072.32 W
		Crates		\$0.00	\$0.00	\$10,756.00	\$12,907.20	\$12,907.20	\$0.00	\$0.00	\$0.00	\$0.00	\$12,907.20 W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Marco Oriunno (ME)		\$2,203.20	\$2,643.84	\$0.00	\$0.00	\$2,643.84	\$0.00	\$0.00	\$0.00	\$0.00	\$2,643.84 <mark>W</mark>
		Half-Module Shipping Box		\$0.00	\$0.00	\$4,300.00	\$5,160.00	\$5,160.00	\$516.00	\$0.00	\$516.00	\$0.00	\$4,644.00 W
30	1.2.13	1.2.13 Integration and testing at SLAC		\$63,187.20	\$82,143.36	\$32,780.00	\$42,614.00	\$124,757.36	\$0.00	\$0.00	\$0.00	\$42,614.00	\$82,143.36 W
		Matt McCulloch (MT)		\$43,574.40	\$56,646.72	\$0.00	\$0.00	\$56,646.72	\$0.00	\$0.00	\$0.00	\$0.00	\$56,646.72 _W
		Marco Oriunno (ME)		\$14,688.00	\$19,094.40	\$0.00	\$0.00	\$19,094.40	\$0.00	\$0.00	\$0.00	\$0.00	\$19,094.40 W
		Survey Technician SLAC		\$4,924.80	\$6,402.24	\$0.00	\$0.00	\$6,402.24	\$0.00	\$0.00	\$0.00	\$0.00	\$6,402.24 <mark>W</mark>
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Chiller	INFRA	\$0.00	\$0.00	\$29,800.00	\$38,740.00	\$38,740.00	\$0.00	\$0.00	\$0.00	\$38,740.00	\$0.00 W
		Equipment for chiller Control	INFRA	\$0.00	\$0.00	\$2,980.00	\$3,874.00	\$3,874.00	\$0.00	\$0.00	\$0.00	\$3,874.00	\$0.00 W
31	1.2.14	1.2.14 SVT tested and ready for shipment		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W

				WBS V500 Fri 6	6/21/13							
ID	WBS	Task Name	Type Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital De
		Per Hansson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00 Wo
32	1.2.15	1.2.15 Integration at Jlab	\$28,029.60	\$36,438.48	\$0.00	\$0.00	\$36,438.48	\$0.00	\$0.00	\$0.00	\$0.00	\$36,438.48 Wo
		Marco Oriunno (ME)	\$14,688.00	\$19,094.40	\$0.00	\$0.00	\$19,094.40	\$0.00	\$0.00	\$0.00	\$0.00	\$19,094.40 Wo
		Ryan Herbst (EE)	\$13,341.60	\$17,344.08	\$0.00	\$0.00	\$17,344.08	\$0.00	\$0.00	\$0.00	\$0.00	\$17,344.08 Wo
		Tim Nelson (Phýs)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
33	1.2.16	1.2.16 SVT Ready For Installation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
34	1.3	1.3 SVT DAQ	\$341,554.16	\$430,545.39	\$264,406.20	\$351,672.88	\$782,218.28	\$69,503.31	\$10,796.95	\$80,300.26	\$161,765.00	\$540,153.01 W
35	1.3.1	1.3.1 FE Boards	\$60,037.20	\$84,052.08	\$45,853.80	\$64,195.32	\$148,247.40	\$33,090.50	\$3,676.72	\$36,767.22	\$0.00	\$111,480.18 _W
		Tim Nelson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
36	1.3.1.1	1.3.1.1 ADC	\$0.00	\$0.00	\$5,760.00	\$8,064.00	\$8,064.00	\$3,628.80	\$403.20	\$4,032.00	\$0.00	\$4,032.00 W
		ADC	\$0.00	\$0.00	\$5,760.00	\$8,064.00	\$8,064.00	\$3,628.80	\$403.20	\$4,032.00	\$0.00	\$4,032.00 W
37	1.3.1.2	1.3.1.2 FPGA	\$0.00		\$10,756.00	\$15,058.40	\$15,058.40	\$6,776.28	\$752.92			\$7,529.20 W
		FPGA	\$0.00		\$10,756.00	\$15,058.40	\$15,058.40	\$6,776.28	\$752.92	\$7,529.20		\$7,529.20 W
38	1.3.1.3	1.3.1.3 Preamps	\$0.00		\$2,016.00	\$2,822.40	\$2,822.40	\$1,270.08	\$141.12			\$1,411.20 W
		Preamp	\$0.00		\$2,016.00	\$2,822.40	\$2,822.40	\$1,270.08	\$141.12	\$1,411.20		\$1,411.20 W
39	1.3.1.4	1.3.1.4 Connector	\$0.00		\$430.20	\$602.28	\$602.28	\$271.03	\$30.11			\$301.14 W
		Connectors	\$0.00		\$430.20	\$602.28	\$602.28	\$271.03	\$30.11	\$301.14		\$301.14 W
40	1.3.1.5	1.3.1.5 Power	\$0.00		\$1,075.60	\$1,505.84	\$1,505.84	\$677.63	\$75.29			\$752.92 W
		Power	\$0.00		\$1,075.60	\$1,505.84	\$1,505.84	\$677.63	\$75.29			\$752.92 W
41	1.3.1.6	1.3.1.6 Board	\$0.00		\$21,512.00	\$30,116.80	\$30,116.80	\$13,552.56	\$1,505.84	\$15,058.40		\$15,058.40 W
		Board	\$0.00		\$21,512.00	\$30,116.80	\$30,116.80	\$13,552.56	\$1,505.84	\$15,058.40		\$15,058.40 WG
42	1.3.1.7	1.3.1.7 Assembly	\$0.00		\$4,304.00	\$6,025.60	\$6,025.60	\$2,711.52	\$301.28			\$3,012.80 W
		Assembly	\$0.00		\$4,304.00	\$6,025.60	\$6,025.60	\$2,711.52	\$301.28	\$3,012.80		\$3,012.80 W
43	1.3.1.8	1.3.1.8 Schematic	\$20,012.40		\$0.00	\$0.00	\$28,017.36	\$0.00	\$0.00			\$28,017.36 WG
	1.0.1.0	Ben Reese (EE)	\$20,012.40		\$0.00	\$0.00	\$28,017.36	\$0.00	\$0.00			\$28,017.36 W
44	1.3.1.9	1.3.1.9 Firmware	\$26,683.20		\$0.00	\$0.00	\$37,356.48	\$0.00	\$0.00			\$37,356.48 W
	1.0.1.0	Ryan Herbst (EE)	\$26,683.20		\$0.00	\$0.00	\$37,356.48	\$0.00	\$0.00			\$37,356.48 W
45	1.3.1.10	1.3.1.10 Assembly	\$6,670.80		\$0.00	\$0.00	\$9,339.12	\$4,202.60	\$466.96			\$4,669.56 W
		Ben Reese (EE)	\$6,670.80		\$0.00	\$0.00	\$9,339.12	\$4,202.60	\$466.96	\$4,669.56	\$0.00	\$4,669.56 W
46	1.3.1.11	1.3.1.11 Testing	\$6,670.80		\$0.00	\$0.00	\$9,339.12	\$0.00	\$0.00			\$9,339.12 W
		Ryan Herbst (EE)	\$6,670.80		\$0.00	\$0.00	\$9,339.12	\$0.00	\$0.00			\$9,339.12 W
47	132	1.3.2 FE Interface Board	\$8,004.96		\$0.00	\$0.00	\$9,605.95	\$9,605.95				\$0.00 W
	11012	Interface Board	\$0.00		\$2,151.00	\$2,581.20	\$2,581.20	\$2,581.20	\$0.00			\$0.00 W
48	1.3.2.1	1.3.2.1 Schematic	\$6,670.80		\$0.00	\$0.00	\$8,004.96	\$8,004.96	\$0.00			\$0.00 W
	1.0.2.1		\$6,670.80		\$0.00	\$0.00	\$8,004.96	\$8,004.96	\$0.00			\$0.00 W
49	1.3.2.2	Ryan Herbst (EE) 1.3.2.2 Assembly	\$1,334.16		\$0.00	\$0.00	\$1,600.99	\$1,600.99	\$0.00			\$0.00 W
10			\$1,334.16		\$0.00	\$0.00 \$0.00	\$1,600.99	\$1,600.99	\$0.00 \$0.00			
50	1.3.2.3	Ryan Herbst (EE)	\$0.00		\$0.00	\$0.00	\$1,000.99	\$1,000.99	\$0.00			\$0.00 W
	1.3.2.3	1.3.2.3 Firmware Design	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
52		1.3.3 FE Board Tested w/ hybrid	\$20,012.40		\$18,157.44	\$25,420.42	\$50,769.46	\$6,355.10	\$3,177.55			\$0.00 We \$41,236.80 We
JZ	1.0.7	1.3.4 Flange Board	\$20,012.40		\$10,137.44	\$25,420.42	\$0.00	\$0,333.10 \$0.00	\$0.00			
		Tim Nelson (Phys)	\$0.00		\$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00			\$0.00 Wo
53	1.3.4.1	Per Hansson (Phys)	\$0.00		\$0.00 \$172.80	\$241.92	\$0.00 \$241.92	\$0.00 \$60.48	\$0.00	\$0.00 \$90.72		\$0.00 W
JJ	1.J.4. I	1.3.4.1 Connector	\$0.00		\$172.80 \$172.80	\$241.92 \$241.92	\$241.92 \$241.92	\$60.48	\$30.24 \$30.24	\$90.72 \$90.72		\$151.20 W
54	1.3.4.2	Connector	\$0.00		\$7,228.00	\$241.92 \$10,119.20	\$241.92 \$10,119.20	\$00.48	\$3 <i>0.24</i> \$1,264.90			\$151.20 Wo
J 4	1.3.4.2	1.3.4.2 Fiber			\$7,228.00 \$7,228.00	\$10,119.20 \$10,119.20	\$10,119.20 \$10,119.20	\$2,529.80 \$2,529.80				\$6,324.50 Wo
		Fiber	\$0.00	\$0.00	\$1,228.00	\$10,119.20	\$10,119.20	\$2,329.80	\$1,264.90	\$3,794.70	\$0.00	\$6,324.50 W

	14/50	- 1.11			WBS V500 Fri 6					<u> </u>		-	T : 10 % 1 F
ID	WBS	Task Name	Type	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital D
55	1.3.4.3	1.3.4.3 Power		\$0.00	\$0.00	\$430.24	\$602.34	\$602.34	\$150.58	\$75.29	\$225.88	\$0.00	\$376.46 N
		Power		\$0.00	\$0.00	\$430.24	\$602.34	\$602.34	\$150.58	\$75.29	\$225.88	\$0.00	\$376.46 _W
56	1.3.4.4	1.3.4.4 Board		\$0.00	\$0.00	\$8,604.80	\$12,046.72	\$12,046.72	\$3,011.68	\$1,505.84	\$4,517.52	\$0.00	\$7,529.20 _W
		Board		\$0.00	\$0.00	\$8,604.80	\$12,046.72	\$12,046.72	\$3,011.68	\$1,505.84	\$4,517.52	\$0.00	\$7,529.20 _W
57	1.3.4.5	1.3.4.5 Assembly		\$0.00	\$0.00	\$1,721.60	\$2,410.24	\$2,410.24	\$602.56	\$301.28	\$903.84	\$0.00	\$1,506.40 _W
		Assembly		\$0.00	\$0.00	\$1,721.60	\$2,410.24	\$2,410.24	\$602.56	\$301.28	\$903.84	\$0.00	\$1,506.40 W
58	1.3.4.6	1.3.4.6 Schematic		\$13,341.60	\$18,678.24	\$0.00	\$0.00	\$18,678.24	\$0.00	\$0.00	\$0.00	\$0.00	\$18,678.24 W
		Ben Reese (EE)		\$13,341.60	\$18,678.24	\$0.00	\$0.00	\$18,678.24	\$0.00	\$0.00	\$0.00	\$0.00	\$18,678.24 _W
59	1.3.4.7	1.3.4.7 Testing		\$6,670.80	\$6,670.80	\$0.00	\$0.00	\$6,670.80	\$0.00	\$0.00	\$0.00	\$0.00	\$6,670.80 W
		Ryan Herbst (EE)		\$6,670.80	\$6,670.80	\$0.00	\$0.00	\$6,670.80	\$0.00	\$0.00	\$0.00	\$0.00	\$6,670.80 W
60	1.3.5	1.3.5 Flange DAQ Tested		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 N
	1.3.6	1.3.6 DAQ		\$173,440.80	\$213,465.60	\$86,049.00	\$120,468.60	\$333,934.20	\$7,529.20	\$0.00	\$7,529.20	\$91,855.40	\$234,549.60 W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
62	1.3.6.1	1.3.6.1 SVT COB		\$0.00	\$0.00	\$38,721.00	\$54,209.40	\$54,209.40	\$0.00	\$0.00	\$0.00	\$54,209.40	\$0.00 W
		SVT COB	INFRA	\$0.00	\$0.00	\$38,721.00	\$54,209.40	\$54,209.40	\$0.00	\$0.00	\$0.00	\$54,209.40	\$0.00 W
63	1.3.6.2	1.3.6.2 RTM	7,0701	\$0.00	\$0.00	\$16,134.00	\$22,587.60	\$22,587.60		\$0.00	\$0.00	\$22,587.60	\$0.00 W
	1101012	RTM	INFRA	\$0.00	\$0.00	\$16,134.00	\$22,587.60	\$22,587.60	\$0.00	\$0.00	\$0.00	\$22,587.60	\$0.00 W
64	1.3.6.3	1.3.6.3 Custom Board	nw rot	\$0.00	\$0.00	\$16,134.00	\$22,587.60	\$22,587.60	\$7,529.20	\$0.00	\$7,529.20	\$0.00	\$15,058.40 _W
	1.0.0.0	Custom Board		\$0.00	\$0.00	\$16,134.00	\$22,587.60	\$22,587.60	\$7,529.20	\$0.00	\$7,529.20	\$0.00	\$15,058.40 W
65	1.3.6.4	1.3.6.4 Crates		\$0.00	\$0.00	\$10,756.00	\$15,058.40	\$15,058.40	\$0.00	\$0.00	\$0.00	\$15,058.40	\$0.00 W
	1.0.0.4	Crates	INFRA	\$0.00	\$0.00	\$10,756.00	\$15,058.40	\$15,058.40	\$0.00	\$0.00	\$0.00	\$15,058.40	\$0.00 W
66	1.3.6.5	1.3.6.5 Fiber Cables	//// ///	\$0.00	\$0.00	\$4,304.00	\$6,025.60	\$6,025.60		\$0.00	\$0.00	\$0.00	
-00	1.3.0.3			\$0.00	\$0.00	\$4,304.00	\$6,025.60	\$6,025.60	\$0.00	\$0.00	\$0.00	\$0.00	\$6,025.60 W
67	1.3.6.6	Fiber Cables		\$26,683.20	\$37,356.48	\$4,304.00	\$0.00	\$37,356.48	\$0.00	\$0.00	\$0.00	\$0.00	\$6,025.60 W
07	1.3.0.0	1.3.6.6 Schematic											\$37,356.48 W
60	1267	Ben Reese (EE)		\$26,683.20	\$37,356.48	\$0.00	\$0.00	\$37,356.48	\$0.00	\$0.00	\$0.00	\$0.00	\$37,356.48 W
68	1.3.6.7	1.3.6.7 Firmware		\$53,366.40	\$64,039.68	\$0.00	\$0.00	\$64,039.68	\$0.00	\$0.00	\$0.00	\$0.00	\$64,039.68 W
		Ryan Herbst (EE)		\$26,683.20	\$37,356.48	\$0.00	\$0.00	\$37,356.48	\$0.00	\$0.00	\$0.00	\$0.00	\$37,356.48 W
	4000	Ben Reese (EE)		\$26,683.20	\$26,683.20	\$0.00	\$0.00	\$26,683.20	\$0.00	\$0.00	\$0.00	\$0.00	\$26,683.20 W
69	1.3.6.8	1.3.6.8 Software		\$53,366.40	\$64,039.68	\$0.00	\$0.00	\$64,039.68			\$0.00	\$0.00	\$64,039.68 W
		Ryan Herbst (EE)		\$26,683.20	\$37,356.48	\$0.00	\$0.00	\$37,356.48	\$0.00	\$0.00	\$0.00	\$0.00	\$37,356.48 W
70	4.0.0.0	Ben Reese (EE)		\$26,683.20	\$26,683.20	\$0.00	\$0.00	\$26,683.20	\$0.00	\$0.00	\$0.00	\$0.00	\$26,683.20 W
70	1.3.6.9	1.3.6.9 Testing		\$40,024.80	\$48,029.76	\$0.00	\$0.00	\$48,029.76			\$0.00	\$0.00	\$48,029.76 W
		Ryan Herbst (EE)		\$20,012.40	\$28,017.36	\$0.00	\$0.00	\$28,017.36	\$0.00	\$0.00	\$0.00	\$0.00	\$28,017.36 W
74	407	Ben Reese (EE)		\$20,012.40	\$20,012.40	\$0.00	\$0.00	\$20,012.40	\$0.00	\$0.00	\$0.00	\$0.00	\$20,012.40 W
	1.3.7	1.3.7 DAQ Full system Test		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00 W
72	1.3.8	1.3.8 Hybrid		\$40,024.80	\$48,029.76	\$21,386.16	\$25,663.39	\$73,693.15	\$7,128.72	\$1,425.74	\$8,554.46	\$0.00	\$65,138.69 _W
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
73	1.3.8.1	1.3.8.1 Hybrid Misc Part		\$0.00	\$0.00	\$8,871.12	\$10,645.34	\$10,645.34	\$2,957.04	\$591.41	\$3,548.45	\$0.00	\$7,096.90 N
		Hybrid Misc Part		\$0.00	\$0.00	\$2,904.12	\$3,484.94	\$3,484.94	\$968.04	\$193.61	\$1,161.65	\$0.00	\$2,323.30 _W
		APV25		\$0.00	\$0.00	\$5,967.00	\$7,160.40	\$7,160.40	\$1,989.00	\$397.80	\$2,386.80	\$0.00	\$4,773.60 _W
74	1.3.8.2	1.3.8.2 Hybrid Board		\$0.00	\$0.00	\$7,744.32	\$9,293.18	\$9,293.18	\$2,581.44	\$516.29	\$3,097.73	\$0.00	\$6,195.46 _W
		Hybrid Board		\$0.00	\$0.00	\$7,744.32	\$9,293.18	\$9,293.18	\$2,581.44	\$516.29	\$3,097.73	\$0.00	\$6,195.46 _W
75	1.3.8.3	1.3.8.3 Hybrid Assembly		\$0.00	\$0.00	\$4,770.72	\$5,724.86	\$5,724.86	\$1,590.24	\$318.05	\$1,908.29	\$0.00	\$3,816.58 _W
		Hybrid Assembly		\$0.00	\$0.00	\$4,770.72	\$5,724.86	\$5,724.86	\$1,590.24	\$318.05	\$1,908.29	\$0.00	\$3,816.58 _W
76	1.3.8.4	1.3.8.4 Schematic		\$13,341.60	\$16,009.92	\$0.00	\$0.00	\$16,009.92	\$0.00	\$0.00	\$0.00	\$0.00	\$16,009.92 _W
		Ryan Herbst (EE)		\$13,341.60	\$16,009.92	\$0.00	\$0.00	\$16,009.92	\$0.00	\$0.00	\$0.00	\$0.00	\$16,009.92 _W

				WBS V500 Fri 6	6/21/13							
ID	WBS	Task Name	Type Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital De
77	1.3.8.5	1.3.8.5 Assembly	\$20,012.		\$0.00	\$0.00	\$24,014.88	\$0.00		\$0.00	\$0.00	\$24,014.88 W
		Ryan Herbst (EE)	\$10,006.2		\$0.00	\$0.00	\$12,007.44	\$0.00	\$0.00	\$0.00	\$0.00	\$12,007.44 W
		Ben Reese (EE)	\$10,006.2		\$0.00	\$0.00	\$12,007.44	\$0.00	\$0.00	\$0.00	\$0.00	\$12,007.44 _W
78	1.3.8.6	1.3.8.6 Board Testing	\$6,670.		\$0.00	\$0.00	\$8,004.96	\$0.00		\$0.00	\$0.00	\$8,004.96 W
		Ben Reese (EE)	\$6,670.8		\$0.00	\$0.00	\$8,004.96	\$0.00	\$0.00	\$0.00	\$0.00	\$8,004.96 W
79	1.3.8.7	1.3.8.7 Hybrid qualification	\$0.		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)	\$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Sho Uemura (Phys)	\$0.0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
80	1.3.8.8	1.3.8.8 Single Hybrid qualification	\$0.		\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00 W
81	1.3.8.9	1.3.8.9 Hybrids Testing	\$0.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Sho Uemura (Phys)	\$0.0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)	\$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
82	1.3.9	1.3.9 Flex Cable	\$33,354.	90 \$41,358.96	\$9,032.16	\$12,645.02	\$54,003.98	\$0.00	\$0.00	\$0.00	\$0.00	\$54,003.98 _W
		Tim Nelson (Phys)	\$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
		Per Hansson (Phys)	\$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
83	1.3.9.1	1.3.9.1 Misc Parts	\$0.	00 \$0.00	\$1,290.72	\$1,807.01	\$1,807.01	\$0.00	\$0.00	\$0.00	\$0.00	\$1,807.01 W
		SVT Cable Misc parts	\$0.0	0 \$0.00	\$1,290.72	\$1,807.01	\$1,807.01	\$0.00	\$0.00	\$0.00	\$0.00	\$1,807.01 W
84	1.3.9.2	1.3.9.2 Cable	\$0.	00 \$0.00	\$5,160.00	\$7,224.00	\$7,224.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,224.00 W
		SVT Cable	\$0.0	0 \$0.00	\$5,160.00	\$7,224.00	\$7,224.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,224.00 W
85	1.3.9.3	1.3.9.3 Assembly	\$0.	00 \$0.00	\$2,581.44	\$3,614.02	\$3,614.02	\$0.00	\$0.00	\$0.00	\$0.00	\$3,614.02 W
		ST Cable Assembly	\$0.0	0 \$0.00	\$2,581.44	\$3,614.02	\$3,614.02	\$0.00	\$0.00	\$0.00	\$0.00	\$3,614.02 W
86	1.3.9.4	1.3.9.4 Schematic	\$26,683.	20 \$32,019.84	\$0.00	\$0.00	\$32,019.84	\$0.00	\$0.00	\$0.00	\$0.00	\$32,019.84 W
		Ryan Herbst (EE)	\$13,341.6	0 \$18,678.24	\$0.00	\$0.00	\$18,678.24	\$0.00	\$0.00	\$0.00	\$0.00	\$18,678.24 W
		Ben Reese (EE)	\$13,341.6	0 \$13,341.60	\$0.00	\$0.00	\$13,341.60	\$0.00	\$0.00	\$0.00	\$0.00	\$13,341.60 W
87	1.3.9.5	1.3.9.5 Testing	\$6,670.	\$9,339.12	\$0.00	\$0.00	\$9,339.12	\$0.00	\$0.00	\$0.00	\$0.00	\$9,339.12 W
		Ryan Herbst (EE)	\$6,670.8	0 \$9,339.12	\$0.00	\$0.00	\$9,339.12	\$0.00	\$0.00	\$0.00	\$0.00	\$9,339.12 W
88	1.3.10	1.3.10 Flex Cable w/ hybrid&FE board	\$0.	00 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W
89	1.3.11	1.3.11 Power Supplies & Cables	\$0.	00 \$0.00	\$58,258.00	\$69,909.60	\$69,909.60	\$0.00	\$0.00	\$0.00	\$69,909.60	\$0.00 W
		SVT HV Unit	INFRA \$0.0	0 \$0.00	\$30,460.00	\$36,552.00	\$36,552.00	\$0.00	\$0.00	\$0.00	\$36,552.00	\$0.00 W
		SVT LV Unit	INFRA \$0.0	0 \$0.00	\$14,216.00	\$17,059.20	\$17,059.20	\$0.00	\$0.00	\$0.00	\$17,059.20	\$0.00 W
		Wiener Crate	INFRA \$0.0	0 \$0.00	\$13,582.00	\$16,298.40	\$16,298.40	\$0.00	\$0.00	\$0.00	\$16,298.40	\$0.00 W
90	1.3.12	1.3.12 HV/LV Cables	\$6,680.	90 \$8,684.00	\$25,669.64	\$33,370.53	\$42,054.53	\$5,793.84	\$2,516.93	\$8,310.77	\$0.00	\$33,743.76 _W
		LV PS connector	\$0.0	0 \$0.00	\$90.90	\$118.17	\$118.17	<i>\$78.78</i>	\$0.00	<i>\$78.78</i>	\$0.00	\$39.39 W
		LV PS connector FE board	\$0.0	0 \$0.00	\$484.02	\$629.23	\$629.23	\$0.00	\$0.00	\$0.00	\$0.00	\$629.23 W
		LV PS connector flange side	\$0.0	0 \$0.00	\$90.72	\$117.94	\$117.94	\$0.00	\$0.00	\$0.00	\$0.00	\$117.94 W
		LV PS connector flange vacuum side	\$0.0	0 \$0.00	\$430.40	\$559.52	<i>\$559.52</i>	\$139.88	\$69.94	\$209.82	\$0.00	\$349.70 W
		LV PS wire outside vacuu	\$0.0	0 \$0.00	\$384.00	\$499.20	\$499.20	\$83.20	\$0.00	\$83.20	\$0.00	\$416.00 W
		HV connector flange vacuum side	\$0.0	0 \$0.00	\$13,767.68	\$17,897.98	\$17,897.98	\$4,474.50	\$2,237.25	\$6,711.74	\$0.00	\$11,186.24 W
		HV connector FE board	\$0.0	0 \$0.00	\$954.00	\$1,240.20	\$1,240.20	\$0.00	\$0.00	\$0.00	\$0.00	\$1,240.20 W
		HV connector flange	\$0.0	0 \$0.00	\$1,290.72	\$1,677.94	\$1,677.94	\$419.48	\$209.74	\$629.23	\$0.00	\$1,048.71 W
		HV PS cable incl. connector	\$0.0	0 \$0.00	\$2,300.00	\$2,990.00	\$2,990.00	\$598.00	\$0.00	\$598.00	\$0.00	\$2,392.00 W
		HV wire vacuum	\$0.0	0 \$0.00	\$499.20	\$648.96	\$648.96	\$0.00	\$0.00	\$0.00	\$0.00	\$648.96 W
		Flange Board	\$0.0	0 \$0.00	\$5,378.00	\$6,991.40	\$6,991.40	\$0.00	\$0.00	\$0.00	\$0.00	\$6,991.40 W
		SLAC Cable shop	\$6,680.0	0 \$8,684.00	\$0.00	\$0.00	\$8,684.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,684.00 W
91	1.4	1.4 ECAL	\$8,966.	\$11,656.32	\$4,500.00	\$5,850.00	\$17,506.32	\$0.00	\$0.00	\$0.00	\$0.00	\$17,506.32 _W
92	1.4.9	1.4.1 Motherborads	\$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 _W
93	1.4.9.1	1.4.1.1 MB Mechanics	\$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 _W
		ME Orsay	\$0.0	0 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 W

EE INFN \$0.00 <		\$0.00 Wo \$0.00 Wo \$0.00 Wo
94 1.4.9.2 1.4.1.2 MB Design \$0.00 <td>0.00 \$0.00 0.00 \$0.00 0.00 \$0.00 0.00 \$0.00 0.00 \$0.00</td> <td>\$0.00 Wo \$0.00 Wo \$0.00 Wo \$0.00 Wo</td>	0.00 \$0.00 0.00 \$0.00 0.00 \$0.00 0.00 \$0.00 0.00 \$0.00	\$0.00 Wo \$0.00 Wo \$0.00 Wo \$0.00 Wo
BE INFN \$0.00 <	0.00 \$0.00 0.00 \$0.00 0.00 \$0.00	\$0.00 Wo \$0.00 Wo \$0.00 Wo
95 1.4.9.3 1.4.1.3 MB Construction \$0.00 \$0.	0.00 \$0.00 0.00 \$0.00	\$0.00 Wo \$0.00 Wo
EE INFN \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 _{Wo}
30 3	0.00 \$0.00	\$0.00 _{Wo}
		\$0.00 Wo
	0.00 \$0.00	\$0.00 _{Wo}
	0.00 \$0.00	\$0.00 _{Wo}
	0.00 \$0.00	\$0.00 Wo
	50.00 \$0.00	\$0.00 _{Wo}
	0.00 \$0.00	\$0.00 _{Wo}
	\$0.00 \$0.00	\$0.00 _{Wo}
TI TIZITI A TOOLO	0.00 \$0.00	\$0.00 Wo
== orony	50.00 \$0.00	\$0.00 _{Wo}
TI TIZIZ I TOGGICITION PARIO	0.00 \$0.00	\$0.00 Wo
== 0.0ay	0.00 \$0.00	\$0.00 Wo
11 HZIO 7 II D DOGIGITI GOGGIII TO	0.00 \$0.00	\$0.00 Wo
11 1121 11 7 11 10 00 0 10 11	0.00 \$0.00	\$0.00 Wo
== 0.000	0.00 \$0.00	\$0.00 Wo
11 11210 1 77 1000	0.00 \$0.00	\$0.00 Wo
== 0.0aj	0.00 \$0.00	\$0.00 Wo
11 11210 01110 10 027 15	0.00 \$0.00	\$5,850.00 _{Wo}
108 1.4.11.1 1.4.3.1 MS Design \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	0.00 \$0.00	\$0.00 Wo
ii iio i iiio 2 oogii	0.00 \$0.00	\$0.00 Wo
:::= 0.0dj	0.00 \$0.00	\$5,850.00 Wo
THOSE INC CONCUCUON	0.00 \$0.00	\$5,850.00 _{Wo}
	0.00 \$0.00	
ii ii zigiit iii oiii g o jotoiii	0.00 \$0.00	\$0.00 Wo
=== = = = =	0.00 \$0.00	\$0.00 Wo
	0.00 \$0.00	\$0.00 Wo
THE TROUBLE TO SELECT THE TRANSPORT OF T	\$0.00 \$0.00	\$11,656.32 Wo
11 No 7 IOSOTTOMING E OT IE	\$0.00 \$0.00 \$0.00	\$0.00.32
, = = 0 = 0.	0.00 \$0.00	\$0.00 Wo \$11,656.32 Wo
114 1.4.6 1.4.6 Test and Calibrate Ecal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	
Phy 2 ECAL JLAB \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 Wo
Phy 1 ECAI JLAB \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 Wo
Phy 1 ECAI SEAB \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 Wo
Phy 1 Orsay \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 Wo
1j +	\$0.00 \$0.00	\$0.00 <mark>Wo</mark>
17 117 EST E Roady for the installation	\$0.00 \$10,000.00	\$151,055.20 Wo
116 1.5 1.5 TDAQ \$115,512.80 \$151,055.20 \$10,000.00 \$10,000.00 \$161,055.20 \$0.00 \$0.00 117 1.5.1 1.5.1 EPICS information into data stream \$0.00	\$0.00 \$10,000.00	
THE THE INFORMATION AND CONTROL OF CONTROL CON	\$0.00 \$0.00 \$0.00	110
	\$0.00 \$0.00 \$0.00	\$0.00 Wo
11012 00111010 12/12	\$0.00 \$0.00	\$0.00 Wo
THOIS TIGHT AND TEXT	\$0.00 \$0.00 \$0.00	VVO
THE POSSION IN THE COURT OF THE		1 1 0 1
Ben Redo (EE) \$17,771.20 \$21,325.44 \$0.00 \$0.00 \$21,325.44 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		\$21,325.44 Wo
121 1.5.5 1.5.5 New firmware for cluster finding \$35,542.40 \$49,759.36 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00	1 1 0 1
Scott Kenata (EE) \$35,542.40 \$49,759.36 \$0.00 \$49,759.36 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00	\$49,759.36 <mark>Wo</mark>

				V	VBS V500 Fri 6	5/21/13							
ID	WBS	Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Det
122	1.5.6	1.5.6 New firmware for SSP		\$26,656.80	\$37,319.52	\$0.00	\$0.00	\$37,319.52	\$0.00		\$0.00	\$0.00	\$37,319.52 Wo
		Ben Redo (EE)		\$17,771.20	\$24,879.68	\$0.00	\$0.00	\$24,879.68	\$0.00	\$0.00	\$0.00	\$0.00	<i>\$24,879.68</i> Wo
		Scott Kenata (EE)		\$8,885.60	\$12,439.84	\$0.00	\$0.00	\$12,439.84	\$0.00	\$0.00	\$0.00	\$0.00	<i>\$12,439.84</i> Wo
123	1.5.7	1.5.7 Trigger monitoring tools		\$35,542.40	\$42,650.88	\$0.00	\$0.00	\$42,650.88	\$0.00	\$0.00	\$0.00	\$0.00	\$42,650.88 <mark>Wo</mark>
		Ben Redo (EE)		\$35,542.40	\$42,650.88	\$0.00	\$0.00	\$42,650.88	\$0.00	\$0.00	\$0.00	\$0.00	\$42,650.88 <mark>Wo</mark>
	1.5.8	1.5.8 TDAQ ready		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00 Wo
125	1.5.9	1.5.9 Data Storage		\$0.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00		\$0.00	\$10,000.00	\$0.00 Wo
		Data Storage Tapes 5TB	INFRA	\$0.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00 <mark>Wo</mark>
	1.6	1.6 Slow Control		\$75,527.60	\$94,409.50	\$31,290.00	\$39,112.50	\$133,522.00	\$0.00		\$0.00	\$27,937.50	\$105,584.50 _{Wo}
127	1.6.1	1.6.1 Chiller control programming		\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00		\$0.00	\$0.00	\$11,107.00 <mark>Wo</mark>
		EE Accelerator JLAB		\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00 <mark>Wo</mark>
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
128	1.6.2	1.6.2 I/O modules for control		\$0.00	\$0.00	\$22,350.00	\$27,937.50	\$27,937.50	\$0.00		\$0.00	\$27,937.50	\$0.00 Wo
		I/O Modules for controls	INFRA	\$0.00	\$0.00	\$22,350.00	\$27,937.50	\$27,937.50	\$0.00	\$0.00	\$0.00	\$27,937.50	\$0.00 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
129	1.6.3	1.6.3 Sensor readout programming		\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00		\$0.00	\$0.00	\$16,660.50 Wo
		Nerses Gevorgyan (EE)		\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00	\$0.00	\$0.00	\$0.00	\$16,660.50 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
130	1.6.4	1.6.4 SVT voltage control		\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00		\$0.00	\$0.00	\$16,660.50 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Nerses Gevorgyan (EE)		\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00	\$0.00	\$0.00	\$0.00	\$16,660.50 Wo
131	1.6.5	1.6.5 ECAL voltage control		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
		Nerses Gevorgyan (EE)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
132	1.6.6	1.6.6 SVT motor controls		\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00		\$0.00	\$0.00	\$11,107.00 <mark>Wo</mark>
		EE Accelerator JLAB		\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
133	1.6.7	1.6.7 Target motor control		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50 <mark>Wo</mark>
		EE Accelerator JLAB		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
134	1.6.8	1.6.8 Software interlock		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00		\$0.00	\$0.00	\$5,553.50 Wo
		EE Accelerator JLAB		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
135	1.6.9	1.6.9 Hardware interlocks		\$0.00	\$0.00	\$8,940.00	\$11,175.00	\$11,175.00	\$0.00		\$0.00	\$0.00	\$11,175.00 <mark>Wo</mark>
		Hardware Interlock Equipments		\$0.00	\$0.00	\$8,940.00	\$11,175.00	\$11,175.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,175.00 <mark>Wo</mark>
		EE Hall-B JLAB		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<i>\$0.00</i> Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<i>\$0.00</i> Wo
136	1.6.10	1.6.10 Beamline control screens		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00		\$0.00	\$0.00	\$5,553.50 Wo
		Nerses Gevorgyan (EE)		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50 <mark>Wo</mark>
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 <mark>Wo</mark>
137	1.6.11	1.6.11 EPICS Scalers programing		\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00		\$0.00		\$11,107.00 <mark>Wo</mark>
		Nerses Gevorgyan (EE)		\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00 <mark>Wo</mark>
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
138	1.6.12	1.6.12 Alarms configuration		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00		\$0.00	\$0.00	\$5,553.50 <mark>Wo</mark>
		Nerses Gevorgyan (EE)		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
139	1.6.13	1.6.13 Archiving of controls		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00		\$0.00		\$5,553.50 Wo
		EE Accelerator JLAB		\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50 Wo

				,	WBS V500 Fri 6	5/21/13							
ID	WBS	Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital De
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
	1.7	1.7 Installation & Commissioning		\$45,244.80	\$57,936.96	\$0.00	\$0.00	\$57,936.96	\$0.00	\$0.00	\$54,999.36		\$2,937.60 WC
141 1	1.7.1	1.7.1 SVT installation		\$2,937.60	\$2,937.60	\$0.00	\$0.00	\$2,937.60		\$0.00	\$0.00		\$2,937.60 Wc
		Marco Oriunno (ME)		\$2,937.60	\$2,937.60	\$0.00	\$0.00	\$2,937.60	\$0.00	\$0.00	\$0.00		\$2,937.60 Wo
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
142 1	1.7.2	1.7.2 SVT Commissioning	OP	\$6,670.80	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00	\$8,672.04		\$0.00 Wc
		Ryan Herbst (EE)	OP	\$6,670.80	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00 Wc
		Tim Nelson (Phys)	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Per Hansson (Phys)	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wa
143 1	1.7.3	1.7.3 ECAL Commissioning	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wc
		ET Orsay	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		MT Orsay	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 2 ECAL JLAB	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
144 1	1.7.4	1.7.4 TDAQ Commissioning	OP	\$28,204.80	\$36,666.24	\$0.00	\$0.00	\$36,666.24	\$0.00	\$0.00	\$36,666.24		\$0.00 Wc
		EE Hall-B JLAB	OP	\$8,885.60	<i>\$11,551.28</i>	\$0.00	\$0.00	<i>\$11,551.28</i>	\$0.00	\$0.00	<i>\$11,551.28</i>		\$0.00 Wo
		ET Hall-B JLAB	OP	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00 Wa
		Ryan Herbst (EE)	OP	\$13,341.60	\$17,344.08	\$0.00	\$0.00	\$17,344.08	\$0.00	\$0.00	\$17,344.08		\$0.00 Wo
		Phy 1 JD	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
145 1	1.7.5	1.7.5 Slow Control Commissioning	OP	\$7,431.60	\$9,661.08	\$0.00	\$0.00	\$9,661.08	\$0.00	\$0.00	\$9,661.08		\$0.00 Wc
		EE Hall-B JLAB	OP	\$4,442.80	\$5,775.64	\$0.00	\$0.00	\$5,775.64	\$0.00	\$0.00	<i>\$5,775.64</i>	\$0.00	\$0.00 Wo
		ET Hall-B JLAB	OP	\$2,988.80	\$3,885.44	\$0.00	\$0.00	\$3,885.44	\$0.00	\$0.00	\$3,885.44	\$0.00	\$0.00 Wo
		Hovanes Hegiyan (Phys)	OP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
146 1	1.7.6	1.7.6 HPS ready for the beam		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wc
	1.8	1.8 Electron Running		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 WC
148 1	1.8.1	1.8.1 Beamline Commissioning (2014)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wc
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 1 JD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Phy 1 M		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Phy 2 ECAL JLAB		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00 Wo
149 1	1.8.2	1.8.2 Detector Commissioning Run (2014)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00		\$0.00 Wc
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Phy 1 JD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Phy 1 M		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wo
		Phy 2 ECAL JLAB		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
I	1.8.3	1.8.3 Data Run 2.2GeV (2014)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00		\$0.00 Wc
I	1.8.4	1.8.4 Data Run 1.1 GeV (2014)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00 Wc
152 1	1.8.5	1.8.5 Beamline recommissioning (2015)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00 Wc
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00 Wc
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo

				V	VBS V500 Fri 6	5/21/13							
ID	WBS	Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Det
		Phy 1 JD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 1 M		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 2 ECAL JLAB		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
153	1.8.6	1.8.6 Data Run (2015)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Stepan Stepanyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Hovanes Hegiyan (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 1 JD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 1 M		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Phy 2 ECAL JLAB		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Tim Nelson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 Wo
154	1.9	1.9 SLAC Travel Meetings		\$103,963.50	\$124,756.20	\$0.00	\$0.00	\$124,756.20	\$0.00	\$0.00	\$124,756.20	\$0.00	\$0.00 _{Wo}
155	1.9.1	1.9.1 Consultation 1 at JLAB		\$6,273.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00	\$0.00 Wo
		Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
		Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
156	1.9.2	1.9.2 Collaboration Meeting November 2013	OP	\$18,283.50	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00	\$0.00 Wo
		Rental Car 2	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
		Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
		Sho Uemura (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Matt Graham (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
		Takashi Maruyama (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Ryan Herbst (EE)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		John Jaros (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
157	1.9.3	1.9.3 Consultation 2 at JLAB		\$6,273.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00		\$7,527.60		\$0.00 Wo
		Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 <mark>Wo</mark>
158	1.9.4	1.9.4 Collaboration Meeting November 2014		\$18,283.50	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00		\$21,940.20	\$0.00	\$0.00 Wo
		Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
		Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Ryan Herbst (EE)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Matt Graham (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Per Hansson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Takashi Maruyama (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
		Sho Uemura (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo

			V	VBS V500 Fri 6	/21/13							
ID	WBS Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Det
	Rental Car 2	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
	John Jaros (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
159	1.9.5 Collaboration Meeting May 2015		\$18,283.50	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00	\$0.00 Wo
	John Jaros (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Matt Graham (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
	Per Hansson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Sho Uemura (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Ryan Herbst (EE)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
	Rental Car 2	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 <mark>Wo</mark>
160	1.9.6 Collaboration Meeting November 2015		\$18,283.50	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00		\$21,940.20	\$0.00	\$0.00 Wo
	John Jaros (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Matt Graham (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Sho Uemura (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Ryan Herbst (EE)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
	Rental Car 2	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
161	1.9.7 Collaboration Meeting May 2016		\$18,283.50	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00		\$21,940.20	\$0.00	\$0.00 Wo
	John Jaros (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
	Ken Moffeit (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
	Marco Oriunno (ME)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Matt Graham (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Ryan Herbst (EE)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Sho Uemura (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
	Takashi Maruyama (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00 <mark>Wo</mark>
	Rental Car 1	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 <mark>Wo</mark>
	Rental Car 2	OP	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00 Wo
162	mid deriver for definition of the framing		\$112,149.00	\$155,861.10	\$0.00	\$0.00	\$155,861.10	\$0.00		\$129,728.70	\$0.00	\$26,132.40 Wo
163	1.10.1 Integration and Installation SVT at JLAB		\$18,666.00	\$26,132.40	\$0.00	\$0.00	\$26,132.40	\$0.00		\$0.00		\$26,132.40 Wo
	Ryan Herbst (EE)		\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3,855.60 <mark>Wo</mark>
	Tim Nelson (Phys)		\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3,855.60 <mark>Wo</mark>
	Per Hansson (Phys)		\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3,855.60 Wo
	Takashi Maruyama (Phys)		\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3,855.60 <mark>Wo</mark>
	Sho Uemura (Phys)		\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3,855.60 Wo
	Rental Car 1		\$1,071.00	\$1,499.40	\$0.00	\$0.00	\$1,499.40	\$0.00	\$0.00	\$0.00	\$0.00	\$1,499.40 Wo
	Rental Car 2		\$1,071.00	\$1,499.40	\$0.00	\$0.00	\$1,499.40	\$0.00	\$0.00	\$0.00	\$0.00	\$1,499.40 Wo
	Marco Oriunno (ME)		\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3,855.60 <mark>Wo</mark>
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			V	VBS V500 Fri 6	5/21/13							
ID	WBS Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Det
164	1.10.2 Commissioning		\$15,912.00	\$22,276.80	\$0.00	\$0.00	\$22,276.80	\$0.00	\$0.00	\$22,276.80	\$0.00	\$0.00 Wo
	Sho Uemura (Phys)	OP	\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$1,071.00	\$1,499.40	\$0.00	\$0.00	\$1,499.40	\$0.00	\$0.00	\$1,499.40	\$0.00	\$0.00 Wo
	Rental Car 2	OP	\$1,071.00	\$1,499.40	\$0.00	\$0.00	\$1,499.40	\$0.00	\$0.00	\$1,499.40	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$2,754.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00	\$3,855.60	\$0.00	\$0.00 Wo
165	1.10.3 1.10.3 Commissioning (2014)		\$12,087.00	\$15,713.10	\$0.00	\$0.00	\$15,713.10	\$0.00	\$0.00	\$15,713.10	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 <mark>Wo</mark>
	Rental Car 1	OP	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
166	1.10.4 Run 2.2GeV (2014)		\$9,333.00	\$11,306.70	\$0.00	\$0.00	\$11,306.70	\$0.00	\$0.00	\$11,306.70	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$2,754.00	\$2,754.00	\$0.00	\$0.00	\$2,754.00	\$0.00	\$0.00	\$2,754.00	\$0.00	\$0.00 Wo
167			\$9,333.00	\$12,132.90	\$0.00	\$0.00	\$12,132.90	\$0.00	\$0.00	\$12,132.90	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
168			\$15,912.00	\$28,121.40	\$0.00	\$0.00	\$28,121.40	\$0.00	\$0.00	\$28,121.40	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$2,754.00	\$11,016.00	\$0.00	\$0.00	\$11,016.00	\$0.00	\$0.00	\$11,016.00	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
	Rental Car 2	OP	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00 Wo
	Sho Uemura (Phys)	OP	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00 Wo
169	1.10.7 Run 2.2 GeV (2015)		\$15,453.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00 Wo
	Per Hansson (Phys)	OP	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$2,142.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00 Wo
	Takashi Maruyama (Phys)	OP	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00 Wo
170	1.10.8 Run 6.6 GeV (2015)		\$15,453.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00 Wo
	Ken Moffeit (Phys)	OP	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00 Wo
	Tim Nelson (Phys)	OP	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00 Wo
	Rental Car 1	OP	\$2,142.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00 Wo
	Sho Uemura (Phys)	OP	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00 Wo
171	1.11 1.11 Project management		\$128,373.12	\$166,885.06	\$0.00	\$0.00	\$166,885.06	\$0.00	\$0.00	\$0.00		\$166,885.06 Wo
	1.12 1.12 UCSC Funds		\$0.00	\$0.00	\$462,905.90	\$462,905.90	\$462,905.90	\$0.00	\$0.00	\$462,905.90	\$0.00	\$0.00 Wo
	1.12.1 UCSC FY13		\$0.00	\$0.00	\$53,547.00	\$53,547.00	\$53,547.00	\$0.00	\$0.00	\$53,547.00	\$0.00	\$0.00 Wo
	UCSC Omar Moreno	OP	\$0.00	\$0.00	\$32,000.00	\$32,000.00	\$32,000.00	\$0.00	\$0.00	\$32,000.00	\$0.00	\$0.00 Wo
	UCSC Vitaliy Fadeyev	OP	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00 Wo
	UCSC M&S	OP	\$0.00	\$0.00	\$2,547.00	\$2,547.00	\$2,547.00	\$0.00	\$0.00	\$2,547.00	\$0.00	\$0.00 Wo
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WBS V500 Fri 6/21/13													
ID	WBS	Task Name	Туре	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital De
		UCSC Travel	OP	\$0.00	\$0.00	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$0.00 Wo
174	1.12.2	1.12.2 UCSC FY14		\$0.00	\$0.00	\$119,641.00	\$119,641.00	\$119,641.00	\$0.00	\$0.00	\$119,641.00	\$0.00	\$0.00 Wa
		UCSC Omar Moreno	OP	\$0.00	\$0.00	\$86,400.00	\$86,400.00	\$86,400.00	\$0.00	\$0.00	\$86,400.00	\$0.00	\$0.00 Wo
		UCSC Travel	OP	\$0.00	\$0.00	\$12,600.00	\$12,600.00	\$12,600.00	\$0.00	\$0.00	\$12,600.00	\$0.00	\$0.00 Wo
		UCSC Vitaliy Fadeyev	OP	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00 Wo
		UCSC M&S	OP	\$0.00	\$0.00	\$7,641.00	\$7,641.00	\$7,641.00	\$0.00	\$0.00	\$7,641.00	\$0.00	\$0.00 Wo
175	1.12.3	1.12.3 UCSC FY15		\$0.00	\$0.00	\$159,531.60	\$159,531.60	\$159,531.60	\$0.00	\$0.00	\$159,531.60	\$0.00	\$0.00 Wo
		UCSC M&S	OP	\$0.00	\$0.00	\$7,131.60	\$7,131.60	\$7,131.60	\$0.00	\$0.00	\$7,131.60	\$0.00	\$0.00 Wo
		UCSC Omar Moreno	OP	\$0.00	\$0.00	\$96,800.00	\$96,800.00	\$96,800.00	\$0.00	\$0.00	\$96,800.00	\$0.00	\$0.00 Wo
		UCSC Travel	OP	\$0.00	\$0.00	\$42,600.00	\$42,600.00	\$42,600.00	\$0.00	\$0.00	\$42,600.00	\$0.00	\$0.00 Wo
		UCSC Vitaliy Fadeyev	OP	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00 Wo
176	1.12.4	1.12.4 UCSC FY16		\$0.00	\$0.00	\$130,186.30	\$130,186.30	\$130,186.30	\$0.00	\$0.00	\$130,186.30	\$0.00	\$0.00 Wo
		UCSC M&S	OP	\$0.00	\$0.00	\$7,386.30	\$7,386.30	\$7,386.30	\$0.00	\$0.00	\$7,386.30	\$0.00	\$0.00 Wo
		UCSC Omar Moreno	OP	\$0.00	\$0.00	\$96,000.00	\$96,000.00	\$96,000.00	\$0.00	\$0.00	\$96,000.00	\$0.00	\$0.00 Wo
		UCSC Travel	OP	\$0.00	\$0.00	\$13,800.00	\$13,800.00	\$13,800.00	\$0.00	\$0.00	\$13,800.00	\$0.00	\$0.00 Wo
		UCSC Vitaliy Fadeyev	OP	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00 Wo