

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
1	1	1 HPS		33,128.6 hrs	0	0	\$2,408,114.24	\$1,366,880.14	\$1,761,144.08	\$1,039,083.10	\$1,210,638.48	\$2,971,782.56	\$77,915.31	\$20,834.95	\$927,517.86	\$248,127.50	\$1,796,137.20	W
2	1.1	1.1 Beamline		1,680 hrs	0	0	\$171,239.92	\$70,369.92	\$91,480.90	\$100,870.00	\$131,131.00	\$222,611.90	\$0.00	\$0.00	\$0.00	\$5,811.00	\$216,800.90	W
3	1.1.1	1.1.1 Beamline Design		440 hrs	0	0	\$8,966.40	\$8,966.40	\$11,656.32	\$0.00	\$0.00	\$11,656.32	\$0.00	\$0.00	\$0.00	\$0.00	\$11,656.32	W
		MD Hall-B		120 hrs	0	0	\$8,966.40	\$8,966.40	\$11,656.32	\$0.00	\$0.00	\$11,656.32	\$0.00	\$0.00	\$0.00	\$0.00	\$11,656.32	W
		Ken Moffeit (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
4	1.1.2	1.1.2 Beamline Review		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
5	1.1.3	1.1.3 Frascati beampipe 1		128 hrs	0	0	\$7,450.00	\$0.00	\$0.00	\$7,450.00	\$9,685.00	\$9,685.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,685.00	W
		Ken Moffeit (Phys)		64 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Frascati beampipe 1		1	0	0	\$7,450.00	\$0.00	\$0.00	\$7,450.00	\$9,685.00	\$9,685.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,685.00	W
		Stepan Stepanyan (Phys)		64 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
6	1.1.4	1.1.4 SVT Vacuum Box		248 hrs	0	0	\$27,122.40	\$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	W
		Marco Oriunno (ME)		40 hrs	0	0	\$7,344.00	\$7,344.00	\$9,547.20	\$0.00	\$0.00	\$9,547.20	\$0.00	\$0.00	\$0.00	\$0.00	\$9,547.20	W
		Matt Swift (MD)		80 hrs	0	0	\$11,138.40	\$11,138.40	\$14,479.92	\$0.00	\$0.00	\$14,479.92	\$0.00	\$0.00	\$0.00	\$0.00	\$14,479.92	W
		Ken Moffeit (Phys)		64 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Linear Shifts		3	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Cooling Feedthrough		2	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Electron Run Flange		1	0	0	\$5,400.00	\$0.00	\$0.00	\$5,400.00	\$7,020.00	\$7,020.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,020.00	W
		Vacuum Flange hardware		1	0	0	\$1,080.00	\$0.00	\$0.00	\$1,080.00	\$1,404.00	\$1,404.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,404.00	W
		Conflat gaskets		1	0	0	\$2,160.00	\$0.00	\$0.00	\$2,160.00	\$2,808.00	\$2,808.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,808.00	W
		Stepan Stepanyan (Phys)		64 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
7	1.1.5	1.1.5 Electron Target		112 hrs	0	0	\$17,110.80	\$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	W
		Marco Oriunno (ME)		40 hrs	0	0	\$7,344.00	\$7,344.00	\$9,547.20	\$0.00	\$0.00	\$9,547.20	\$0.00	\$0.00	\$0.00	\$0.00	\$9,547.20	W
		Matt McCulloch (MT)		40 hrs	0	0	\$5,446.80	\$5,446.80	\$7,080.84	\$0.00	\$0.00	\$7,080.84	\$0.00	\$0.00	\$0.00	\$0.00	\$7,080.84	W
		Ken Moffeit (Phys)		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		ElectronTarget		1	0	0	\$4,320.00	\$0.00	\$0.00	\$4,320.00	\$5,616.00	\$5,616.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,616.00	W
		Stepan Stepanyan (Phys)		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
8	1.1.6	1.1.6 SVT Collimator Protection		176 hrs	0	0	\$24,431.84	\$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	W
		Ken Moffeit (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		SVT Collimator Protection		1	0	0	\$14,900.00	\$0.00	\$0.00	\$14,900.00	\$19,370.00	\$19,370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,370.00	W
		ME Accelerator JLAB		32 hrs	0	0	\$3,554.24	\$3,554.24	\$4,620.51	\$0.00	\$0.00	\$4,620.51	\$0.00	\$0.00	\$0.00	\$0.00	\$4,620.51	W
		MT Accelerator JLAB		80 hrs	0	0	\$5,977.60	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88	W
9	1.1.7	1.1.7 Vacuum beam line downstream of chicane		32 hrs	0	0	\$14,900.00	\$0.00	\$0.00	\$14,900.00	\$19,370.00	\$19,370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,370.00	W
		Ken Moffeit (Phys)		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Vacuum beamline downstream chicane		1	0	0	\$14,900.00	\$0.00	\$0.00	\$14,900.00	\$19,370.00	\$19,370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,370.00	W
10	1.1.8	1.1.8 Beam Offset Monitor		128 hrs	0	0	\$12,224.72	\$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	W
		ME Hall-B		16 hrs	0	0	\$1,777.12	\$1,777.12	\$2,310.26	\$0.00	\$0.00	\$2,310.26	\$0.00	\$0.00	\$0.00	\$0.00	\$2,310.26	W
		MT Hall-B		80 hrs	0	0	\$5,977.60	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88	W
		Stepan Stepanyan (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Beam Offset Monitor	INFRA	1	0	0	\$4,470.00	\$0.00	\$0.00	\$4,470.00	\$5,811.00	\$5,811.00	\$0.00	\$0.00	\$0.00	\$5,811.00	\$0.00	W
11	1.1.9	1.1.9 Beam Profile Monitor		64 hrs	0	0	\$10,430.00	\$0.00	\$0.00	\$10,430.00	\$13,559.00	\$13,559.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,559.00	W
		Ken Moffeit (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Insertable YAG Viewer		1	0	0	\$10,430.00	\$0.00	\$0.00	\$10,430.00	\$13,559.00	\$13,559.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,559.00	W
12	1.1.10	1.1.10 Frascati Vacuum Chamber		24 hrs	0	0	\$14,900.00	\$0.00	\$0.00	\$14,900.00	\$19,370.00	\$19,370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,370.00	W
		Frascati beampipe 2		1	0	0	\$14,900.00	\$0.00	\$0.00	\$14,900.00	\$19,370.00	\$19,370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,370.00	W
		Stepan Stepanyan (Phys)		24 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
13	1.1.11	1.1.11 Photon Dump & Shielding		176 hrs	0	0	\$26,837.60	\$5,977.60	\$7,770.88	\$20,860.00	\$27,118.00	\$34,888.88	\$0.00	\$0.00	\$0.00	\$0.00	\$34,888.88	W
		MD Hall-B		80 hrs	0	0	\$5,977.60	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88	W
		Photon Dump & Shielding		1	0	0	\$20,860.00	\$0.00	\$0.00	\$20,860.00	\$27,118.00	\$27,118.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,118.00	W
		Stepan Stepanyan (Phys)		96 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
14	1.1.12	1.1.12 Installation review		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
15	1.1.13	1.1.13 HPS Beamline Installation		152 hrs	0	0	\$6,866.16	\$6,866.16	\$8,926.01	\$0.00	\$0.00	\$8,926.01	\$0.00	\$0.00	\$0.00	\$0.00	\$8,926.01	W
		ME Hall-B		8 hrs	0	0	\$888.56	\$888.56	\$1,155.13	\$0.00	\$0.00	\$1,155.13	\$0.00	\$0.00	\$0.00	\$0.00	\$1,155.13	W
		MT Hall-B		80 hrs	0	0	\$5,977.60	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,770.88	W
		Ken Moffeit (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
16	1.1.14	1.1.14 Beamline Installed		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
17	1.2	1.2 SVT		5,311 hrs	0	0	\$506,987.76	\$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	W
18	1.2.1	1.2.1 SVT Design Review		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
19	1.2.2	1.2.2 Layers 1-3		1,060 hrs	0	0	\$80,265.20	\$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	W
		Marco Oriunno (ME)		80 hrs	0	0	\$14,688.00	\$14,688.00	\$17,625.60	\$0.00	\$0.00	\$17,625.60	\$0.00	\$0.00	\$0.00	\$0.00	\$17,625.60	W
		Matt Swift (MD)		160 hrs	0	0	\$22,276.80	\$22,276.80	\$28,959.84	\$0.00	\$0.00	\$28,959.84	\$0.00	\$0.00	\$0.00	\$0.00	\$28,959.84	W
		Matt McCulloch (MT)		120 hrs	0	0	\$16,340.40	\$16,340.40	\$19,608.48	\$0.00	\$0.00	\$19,608.48	\$0.00	\$0.00	\$0.00	\$0.00	\$19,608.48	W
		Assembly Fixture		1	0	0	\$1,200.00	\$0.00	\$0.00	\$1,200.00	\$1,440.00	\$1,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,440.00	W
		Tensioners		8	0	0	\$12,960.00	\$0.00	\$0.00	\$12,960.00	\$18,144.00	\$18,144.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,144.00	W
		U Support		2	0	0	\$10,800.00	\$0.00	\$0.00	\$10,800.00	\$15,120.00	\$15,120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,120.00	W
		Cables Fixtures		1	0	0	\$2,000.00	\$0.00	\$0.00	\$2,000.00	\$2,400.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,400.00	W
		Tim Nelson (Phys)		350 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		350 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
20	1.2.3	1.2.3 Layer 1-3 Ready		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
21	1.2.4	1.2.4 Layers 4-6		1,400 hrs	0	0	\$120,255.20	\$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	W
		Marco Oriunno (ME)		160 hrs	0	0	\$29,376.00	\$29,376.00	\$41,126.40	\$0.00	\$0.00	\$41,126.40	\$0.00	\$0.00	\$0.00	\$0.00	\$41,126.40	W
		Matt Swift (MD)		160 hrs	0	0	\$22,276.80	\$22,276.80	\$28,959.84	\$0.00	\$0.00	\$28,959.84	\$0.00	\$0.00	\$0.00	\$0.00	\$28,959.84	W
		Matt McCulloch (MT)		160 hrs	0	0	\$21,787.20	\$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
		Tung Phan (ET)		40 hrs	0	0	\$4,345.20	\$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
		Assembly Fixture		5	2	2	\$6,000.00	\$0.00	\$0.00	\$6,000.00	\$8,400.00	\$8,400.00	\$3,360.00	\$3,360.00	\$6,720.00	\$0.00	\$1,680.00	W
		Wirebonding Fixture		2	0	1	\$3,060.00	\$0.00	\$0.00	\$3,060.00	\$4,284.00	\$4,284.00	\$0.00	\$2,142.00	\$2,142.00	\$0.00	\$2,142.00	W
		Tensioners		8	2	2	\$12,960.00	\$0.00	\$0.00	\$12,960.00	\$18,144.00	\$18,144.00	\$4,536.00	\$4,536.00	\$9,072.00	\$0.00	\$9,072.00	W
		U Support		2	0	0	\$10,800.00	\$0.00	\$0.00	\$10,800.00	\$15,120.00	\$15,120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,120.00	W
		Cables Fixtures		1	0	0	\$2,000.00	\$0.00	\$0.00	\$2,000.00	\$2,400.00	\$2,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,400.00	W
		Tim Nelson (Phys)		440 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		440 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		FNAL Composite		1	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Kapton passivation		1	0	0	\$7,650.00	\$0.00	\$0.00	\$7,650.00	\$10,710.00	\$10,710.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,710.00	W
22	1.2.5	1.2.5 Layer 4-6 Ready		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
23	1.2.6	1.2.6 Hybrids Assembly & Wirebonding		0 hrs	0	0	\$27,000.00	\$0.00	\$0.00	\$27,000.00	\$27,000.00	\$27,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,000.00	W
		Subcontract Santa Cruz		1	0	0	\$27,000.00	\$0.00	\$0.00	\$27,000.00	\$27,000.00	\$27,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27,000.00	W
24	1.2.7	1.2.7 C-Support		321 hrs	0	0	\$23,739.12	\$21,579.12	\$25,894.94	\$2,160.00	\$2,592.00	\$28,486.94	\$0.00	\$0.00	\$0.00	\$0.00	\$28,486.94	W
		Marco Oriunno (ME)		45 hrs	0	0	\$8,262.00	\$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
		Matt Swift (MD)		80 hrs	0	0	\$11,138.40	\$11,138.40	\$13,366.08	\$0.00	\$0.00	\$13,366.08	\$0.00	\$0.00	\$0.00	\$0.00	\$13,366.08	W
		Matt McCulloch (MT)		16 hrs	0	0	\$2,178.72	\$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		1	0	0	\$2,160.00	\$0.00	\$0.00	\$2,160.00	\$2,592.00	\$2,592.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,592.00	W
		Tim Nelson (Phys)		90 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		90 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
25	1.2.8	1.2.8 DAQ Support/Cooling		248 hrs	0	0	\$22,085.00	\$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
		Marco Oriunno (ME)		40 hrs	0	0	\$7,344.00	\$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
		Matt Swift (MD)		40 hrs	0	0	\$5,569.20	\$5,569.20	\$7,796.88	\$0.00	\$0.00	\$7,796.88	\$0.00	\$0.00	\$0.00	\$0.00	\$7,796.88	W
		Matt McCulloch (MT)		40 hrs	0	0	\$5,446.80	\$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
		Tim Nelson (Phys)		64 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		64 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		DAQ Support		1	0	0	\$3,725.00	\$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
26	1.2.9	1.2.9 Baseplate		440 hrs	0	0	\$23,760.00	\$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
		Marco Oriunno (ME)		40 hrs	0	0	\$7,344.00	\$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
		Matt Swift (MD)		40 hrs	0	0	\$5,569.20	\$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)		40 hrs	0	0	\$5,446.80	\$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		1	0	0	\$5,400.00	\$0.00	\$0.00	\$5,400.00	\$6,480.00	\$6,480.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,480.00	W
		Tim Nelson (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
27	1.2.10	1.2.10 Motion Levers		234 hrs	0	0	\$14,993.28	\$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
		Marco Oriunno (ME)		10 hrs	0	0	\$1,836.00	\$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
		Matt Swift (MD)		40 hrs	0	0	\$5,569.20	\$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)		24 hrs	0	0	\$3,268.08	\$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		2	0	0	\$4,320.00	\$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)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
28	1.2.11	1.2.11 Vacuum Flanges		304 hrs	0	0	\$41,069.60	\$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
		Marco Oriunno (ME)	OP	40 hrs	0	0	\$7,344.00	\$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
		Matt Swift (MD)	OP	80 hrs	0	0	\$11,138.40	\$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	160 hrs	0	0	\$21,787.20	\$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
		Tim Nelson (Phys)		12 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		12 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		8" CF Flange		2	0	0	\$800.00	\$0.00	\$0.00	\$800.00	\$880.00	\$880.00	\$0.00	\$0.00	\$0.00	\$0.00	\$880.00	W
29	1.2.12	1.2.12 Shipping Crates		224 hrs	0	0	\$29,823.56	\$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
		Marco Oriunno (ME)		12 hrs	0	0	\$2,203.20	\$2,203.20	\$2,643.84	\$0.00	\$0.00	\$2,643.84	\$0.00	\$0.00	\$0.00	\$0.00	\$2,643.84	W

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
		Matt Swift (MD)		12 hrs	0	0	\$1,670.76	\$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)		80 hrs	0	0	\$10,893.60	\$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
		Tim Nelson (Phys)		60 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		60 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Crates		2	0	0	\$10,756.00	\$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
		Half-Module Shipping Box		20	2	0	\$4,300.00	\$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		744 hrs	0	0	\$95,967.20	\$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
		Marco Oriunno (ME)		80 hrs	0	0	\$14,688.00	\$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
		Matt McCulloch (MT)		320 hrs	0	0	\$43,574.40	\$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
		Survey Technician SLAC		24 hrs	0	0	\$4,924.80	\$4,924.80	\$6,402.24	\$0.00	\$0.00	\$6,402.24	\$0.00	\$0.00	\$0.00	\$0.00	\$6,402.24	W
		Tim Nelson (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Chiller	INFRA	1	0	0	\$29,800.00	\$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	1	0	0	\$2,980.00	\$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		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)		8 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		8 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
32	1.2.15	1.2.15 Integration at Jlab		320 hrs	0	0	\$28,029.60	\$28,029.60	\$36,438.48	\$0.00	\$0.00	\$36,438.48	\$0.00	\$0.00	\$0.00	\$0.00	\$36,438.48	W
		Marco Oriunno (ME)		80 hrs	0	0	\$14,688.00	\$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
		Ryan Herbst (EE)		80 hrs	0	0	\$13,341.60	\$13,341.60	\$17,344.08	\$0.00	\$0.00	\$17,344.08	\$0.00	\$0.00	\$0.00	\$0.00	\$17,344.08	W
		Tim Nelson (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		80 hrs	0	0	\$0.00	\$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 hrs	0	0	\$0.00	\$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		3,972.8 hrs	0	0	\$608,111.36	\$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		504 hrs	0	0	\$105,891.00	\$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)		72 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		72 hrs	0	0	\$0.00	\$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 hrs	0	0	\$5,760.00	\$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		80	36	4	\$5,760.00	\$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 hrs	0	0	\$10,756.00	\$0.00	\$0.00	\$10,756.00	\$15,058.40	\$15,058.40	\$6,776.28	\$752.92	\$7,529.20	\$0.00	\$7,529.20	W
		FPGA		20	9	1	\$10,756.00	\$0.00	\$0.00	\$10,756.00	\$15,058.40	\$15,058.40	\$6,776.28	\$752.92	\$7,529.20	\$0.00	\$7,529.20	W
38	1.3.1.3	1.3.1.3 Preamps		0 hrs	0	0	\$2,016.00	\$0.00	\$0.00	\$2,016.00	\$2,822.40	\$2,822.40	\$1,270.08	\$141.12	\$1,411.20	\$0.00	\$1,411.20	W
		Preamp		200	90	10	\$2,016.00	\$0.00	\$0.00	\$2,016.00	\$2,822.40	\$2,822.40	\$1,270.08	\$141.12	\$1,411.20	\$0.00	\$1,411.20	W
39	1.3.1.4	1.3.1.4 Connector		0 hrs	0	0	\$430.20	\$0.00	\$0.00	\$430.20	\$602.28	\$602.28	\$271.03	\$301.14	\$301.14	\$0.00	\$301.14	W
		Connectors		20	9	1	\$430.20	\$0.00	\$0.00	\$430.20	\$602.28	\$602.28	\$271.03	\$301.14	\$301.14	\$0.00	\$301.14	W
40	1.3.1.5	1.3.1.5 Power		0 hrs	0	0	\$1,075.60	\$0.00	\$0.00	\$1,075.60	\$1,505.84	\$1,505.84	\$677.63	\$75.29	\$752.92	\$0.00	\$752.92	W
		Power		20	9	1	\$1,075.60	\$0.00	\$0.00	\$1,075.60	\$1,505.84	\$1,505.84	\$677.63	\$75.29	\$752.92	\$0.00	\$752.92	W
41	1.3.1.6	1.3.1.6 Board		0 hrs	0	0	\$21,512.00	\$0.00	\$0.00	\$21,512.00	\$30,116.80	\$30,116.80	\$13,552.56	\$1,505.84	\$15,058.40	\$0.00	\$15,058.40	W
		Board		20	9	1	\$21,512.00	\$0.00	\$0.00	\$21,512.00	\$30,116.80	\$30,116.80	\$13,552.56	\$1,505.84	\$15,058.40	\$0.00	\$15,058.40	W
42	1.3.1.7	1.3.1.7 Assembly		0 hrs	0	0	\$4,304.00	\$0.00	\$0.00	\$4,304.00	\$6,025.60	\$6,025.60	\$2,711.52	\$301.28	\$3,012.80	\$0.00	\$3,012.80	W
		Assembly		20	9	1	\$4,304.00	\$0.00	\$0.00	\$4,304.00	\$6,025.60	\$6,025.60	\$2,711.52	\$301.28	\$3,012.80	\$0.00	\$3,012.80	W
43	1.3.1.8	1.3.1.8 Schematic		120 hrs	0	0	\$20,012.40	\$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
		Ben Reese (EE)		120 hrs	0	0	\$20,012.40	\$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
44	1.3.1.9	1.3.1.9 Firmware		160 hrs	0	0	\$26,683.20	\$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
		Ryan Herbst (EE)		160 hrs	0	0	\$26,683.20	\$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
45	1.3.1.10	1.3.1.10 Assembly		40 hrs	0	0	\$6,670.80	\$6,670.80	\$9,339.12	\$0.00	\$0.00	\$9,339.12	\$4,202.60	\$466.96	\$4,669.56	\$0.00	\$4,669.56	W
		Ben Reese (EE)		40 hrs	18	2	\$6,670.80	\$6,670.80	\$9,339.12	\$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		40 hrs	0	0	\$6,670.80	\$6,670.80	\$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)		40 hrs	0	0	\$6,670.80	\$6,670.80	\$9,339.12	\$0.00	\$0.00	\$9,339.12	\$0.00	\$0.00	\$0.00	\$0.00	\$9,339.12	W
47	1.3.2	1.3.2 FE Interface Board		48 hrs	0	0	\$10,155.96	\$8,004.96	\$9,605.95	\$0.00	\$0.00	\$9,605.95	\$9,605.95	\$0.00	\$9,605.95	\$0.00	\$0.00	W
		Interface Board		1	1	0	\$2,151.00	\$0.00	\$0.00	\$2,151.00	\$2,581.20	\$2,581.20	\$2,581.20	\$0.00	\$2,581.20	\$0.00	\$0.00	W
48	1.3.2.1	1.3.2.1 Schematic		40 hrs	0	0	\$6,670.80	\$6,670.80	\$8,004.96	\$0.00	\$0.00	\$8,004.96	\$8,004.96	\$0.00	\$8,004.96	\$0.00	\$0.00	W
		Ryan Herbst (EE)		40 hrs	40	0	\$6,670.80	\$6,670.80	\$8,004.96	\$0.00	\$0.00	\$8,004.96	\$8,004.96	\$0.00	\$8,004.96	\$0.00	\$0.00	W
49	1.3.2.2	1.3.2.2 Assembly		8 hrs	0	0	\$1,334.16	\$1,334.16	\$1,600.99	\$0.00	\$0.00	\$1,600.99	\$1,600.99	\$0.00	\$1,600.99	\$0.00	\$0.00	W
		Ryan Herbst (EE)		8 hrs	8	0	\$1,334.16	\$1,334.16	\$1,600.99	\$0.00	\$0.00	\$1,600.99	\$1,600.99	\$0.00	\$1,600.99	\$0.00	\$0.00	W
50	1.3.2.3	1.3.2.3 Firmware Design		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
51	1.3.3	1.3.3 FE Board Tested w/ hybrid		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
52	1.3.4	1.3.4 Flange Board		264 hrs	0	0	\$38,169.84	\$20,012.40	\$25,349.04	\$18,157.44	\$25,420.42	\$50,769.46	\$6,355.10	\$3,177.55	\$9,532.66	\$0.00	\$41,236.80	W
		Tim Nelson (Phys)		72 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		72 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
53	1.3.4.1	1.3.4.1 Connector		0 hrs	0	0	\$172.80	\$0.00	\$0.00	\$172.80	\$241.92	\$241.92	\$60.48	\$30.24	\$90.72	\$0.00	\$151.20	W
		Connector		16	4	2	\$172.80	\$0.00	\$0.00	\$172.80	\$241.92	\$241.92	\$60.48	\$30.24	\$90.72	\$0.00	\$151.20	W
54	1.3.4.2	1.3.4.2 Fiber		0 hrs	0	0	\$7,228.00	\$0.00	\$0.00	\$7,228.00	\$10,119.20	\$10,119.20	\$2,529.80	\$1,264.90	\$3,794.70	\$0.00	\$6,324.50	W
		Fiber		16	4	2	\$7,228.00	\$0.00	\$0.00	\$7,228.00	\$10,119.20	\$10,119.20	\$2,529.80	\$1,264.90	\$3,794.70	\$0.00	\$6,324.50	W
55	1.3.4.3	1.3.4.3 Power		0 hrs	0	0	\$430.24	\$0.00	\$0.00	\$430.24	\$602.34	\$602.34	\$150.58	\$75.29	\$225.88	\$0.00	\$376.46	W
		Power		8	2	1	\$430.24	\$0.00	\$0.00	\$430.24	\$602.34	\$602.34	\$150.58	\$75.29	\$225.88	\$0.00	\$376.46	W

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
56	1.3.4.4	1.3.4.4 Board		0 hrs	0	0	\$8,604.80	\$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		8	2	1	\$8,604.80	\$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 hrs	0	0	\$1,721.60	\$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		8	2	1	\$1,721.60	\$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		80 hrs	0	0	\$13,341.60	\$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)		80 hrs	0	0	\$13,341.60	\$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		40 hrs	0	0	\$6,670.80	\$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)		40 hrs	0	0	\$6,670.80	\$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 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
61	1.3.6	1.3.6 DAQ		1,640 hrs	0	0	\$259,489.80	\$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)		300 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		300 hrs	0	0	\$0.00	\$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 hrs	0	0	\$38,721.00	\$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	3	0	0	\$38,721.00	\$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		0 hrs	0	0	\$16,134.00	\$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
		RTM	INFRA	3	0	0	\$16,134.00	\$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		0 hrs	0	0	\$16,134.00	\$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
		Custom Board		3	1	0	\$16,134.00	\$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 hrs	0	0	\$10,756.00	\$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
		Crates	INFRA	2	0	0	\$10,756.00	\$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 hrs	0	0	\$4,304.00	\$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
		Fiber Cables		16	0	0	\$4,304.00	\$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	1.3.6.6 Schematic		160 hrs	0	0	\$26,683.20	\$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
		Ben Reese (EE)		160 hrs	0	0	\$26,683.20	\$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		320 hrs	0	0	\$53,366.40	\$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)		160 hrs	0	0	\$26,683.20	\$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
		Ben Reese (EE)		160 hrs	0	0	\$26,683.20	\$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		320 hrs	0	0	\$53,366.40	\$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)		160 hrs	0	0	\$26,683.20	\$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
		Ben Reese (EE)		160 hrs	0	0	\$26,683.20	\$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		240 hrs	0	0	\$40,024.80	\$40,024.80	\$48,029.76	\$0.00	\$0.00	\$48,029.76	\$0.00	\$0.00	\$0.00	\$0.00	\$48,029.76	W
		Ryan Herbst (EE)		120 hrs	0	0	\$20,012.40	\$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
		Ben Reese (EE)		120 hrs	0	0	\$20,012.40	\$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
71	1.3.7	1.3.7 DAQ Full system Test		0 hrs	0	0	\$0.00	\$0.00	\$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		1,196.8 hrs	0	0	\$61,410.96	\$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)		158.4 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		158.4 hrs	0	0	\$0.00	\$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 hrs	0	0	\$8,871.12	\$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	W
		Hybrid Misc Part		36	10	2	\$2,904.12	\$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		180	50	10	\$5,967.00	\$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 hrs	0	0	\$7,744.32	\$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		36	10	2	\$7,744.32	\$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 hrs	0	0	\$4,770.72	\$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		36	10	2	\$4,770.72	\$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		80 hrs	0	0	\$13,341.60	\$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)		80 hrs	0	0	\$13,341.60	\$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
77	1.3.8.5	1.3.8.5 Assembly		120 hrs	0	0	\$20,012.40	\$20,012.40	\$24,014.88	\$0.00	\$0.00	\$24,014.88	\$0.00	\$0.00	\$0.00	\$0.00	\$24,014.88	W
		Ryan Herbst (EE)		60 hrs	0	0	\$10,006.20	\$10,006.20	\$12,007.44	\$0.00	\$0.00	\$12,007.44	\$0.00	\$0.00	\$0.00	\$0.00	\$12,007.44	W
		Ben Reese (EE)		60 hrs	0	0	\$10,006.20	\$10,006.20	\$12,007.44	\$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		40 hrs	0	0	\$6,670.80	\$6,670.80	\$8,004.96	\$0.00	\$0.00	\$8,004.96	\$0.00	\$0.00	\$0.00	\$0.00	\$8,004.96	W
		Ben Reese (EE)		40 hrs	0	0	\$6,670.80	\$6,670.80	\$8,004.96	\$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		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Sho Uemura (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$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 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$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		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Sho Uemura (Phys)		160 hrs	0	0	\$0.00	\$0.00	\$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		280 hrs	0	0	\$42,386.16	\$33,354.00	\$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)		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		40 hrs	0	0	\$0.00	\$0.00	\$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 hrs	0	0	\$1,290.72	\$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		24	0	0	\$1,290.72	\$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
84	1.3.9.2	1.3.9.2 Cable		0 hrs	0	0	\$5,160.00	\$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		24	0	0	\$5,160.00	\$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
85	1.3.9.3	1.3.9.3 Assembly		0 hrs	0	0	\$2,581.44	\$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		24	0	0	\$2,581.44	\$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
86	1.3.9.4	1.3.9.4 Schematic		160 hrs	0	0	\$26,683.20	\$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

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
		<i>Ryan Herbst (EE)</i>		80 hrs	0	0	\$13,341.60	\$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
		<i>Ben Reese (EE)</i>		80 hrs	0	0	\$13,341.60	\$13,341.60	\$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		40 hrs	0	0	\$6,670.80	\$6,670.80	\$9,339.12	\$0.00	\$0.00	\$9,339.12	\$0.00	\$0.00	\$0.00	\$0.00	\$9,339.12	W
		<i>Ryan Herbst (EE)</i>		40 hrs	0	0	\$6,670.80	\$6,670.80	\$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 hrs	0	0	\$0.00	\$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 hrs	0	0	\$58,258.00	\$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
		<i>SVT LV Unit</i>	INFRA	4	0	0	\$14,216.00	\$0.00	\$0.00	\$14,216.00	\$17,059.20	\$17,059.20	\$0.00	\$0.00	\$0.00	\$17,059.20	\$0.00	W
		<i>SVT HV Unit</i>	INFRA	4	0	0	\$30,460.00	\$0.00	\$0.00	\$30,460.00	\$36,552.00	\$36,552.00	\$0.00	\$0.00	\$0.00	\$36,552.00	\$0.00	W
		<i>Wiener Crate</i>	INFRA	2	0	0	\$13,582.00	\$0.00	\$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		40 hrs	0	0	\$32,349.64	\$6,680.00	\$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
		<i>HV PS cable incl. connector</i>		5	1	0	\$2,300.00	\$0.00	\$0.00	\$2,300.00	\$2,990.00	\$2,990.00	\$598.00	\$0.00	\$598.00	\$0.00	\$2,392.00	W
		<i>HV wire vacuum</i>		16	0	0	\$499.20	\$0.00	\$0.00	\$499.20	\$648.96	\$648.96	\$0.00	\$0.00	\$0.00	\$0.00	\$648.96	W
		<i>HV connector flange vacuum side</i>		64	16	8	\$13,767.68	\$0.00	\$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
		<i>HV connector flange</i>		8	2	1	\$1,290.72	\$0.00	\$0.00	\$1,290.72	\$1,677.94	\$1,677.94	\$419.48	\$209.74	\$629.23	\$0.00	\$1,048.71	W
		<i>HV connector FE board</i>		18	0	0	\$954.00	\$0.00	\$0.00	\$954.00	\$1,240.20	\$1,240.20	\$0.00	\$0.00	\$0.00	\$0.00	\$1,240.20	W
		<i>LV PS wire outside vacuu</i>		2,400	400	0	\$384.00	\$0.00	\$0.00	\$384.00	\$499.20	\$499.20	\$83.20	\$0.00	\$83.20	\$0.00	\$416.00	W
		<i>LV PS connector</i>		9	6	0	\$90.90	\$0.00	\$0.00	\$90.90	\$118.17	\$118.17	\$78.78	\$0.00	\$78.78	\$0.00	\$39.39	W
		<i>LV PS connector flange side</i>		9	0	0	\$90.72	\$0.00	\$0.00	\$90.72	\$117.94	\$117.94	\$0.00	\$0.00	\$0.00	\$0.00	\$117.94	W
		<i>LV PS connector flange vacuum side</i>		8	2	1	\$430.40	\$0.00	\$0.00	\$430.40	\$559.52	\$559.52	\$139.88	\$69.94	\$209.82	\$0.00	\$349.70	W
		<i>LV PS connector FE board</i>		9	0	0	\$484.02	\$0.00	\$0.00	\$484.02	\$629.23	\$629.23	\$0.00	\$0.00	\$0.00	\$0.00	\$629.23	W
		<i>Flange Board</i>		10	0	0	\$5,378.00	\$0.00	\$0.00	\$5,378.00	\$6,991.40	\$6,991.40	\$0.00	\$0.00	\$0.00	\$0.00	\$6,991.40	W
		<i>SLAC Cable shop</i>		40 hrs	0	0	\$6,680.00	\$6,680.00	\$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		2,924 hrs	0	0	\$36,808.48	\$27,868.48	\$36,229.02	\$8,940.00	\$11,622.00	\$47,851.02	\$0.00	\$0.00	\$0.00	\$0.00	\$47,851.02	W
92	1.4.1	1.4.1 Fix 2-shorted HV groups on top-left		44 hrs	0	0	\$2,988.80	\$2,988.80	\$3,885.44	\$0.00	\$0.00	\$3,885.44	\$0.00	\$0.00	\$0.00	\$0.00	\$3,885.44	W
		<i>ET Hall-B JLAB</i>		40 hrs	0	0	\$2,988.80	\$2,988.80	\$3,885.44	\$0.00	\$0.00	\$3,885.44	\$0.00	\$0.00	\$0.00	\$0.00	\$3,885.44	W
		<i>Phy 2 ECAL JLAB</i>		4 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
93	1.4.2	1.4.2 Order new motherboard		24 hrs	0	0	\$5,960.00	\$0.00	\$0.00	\$5,960.00	\$7,748.00	\$7,748.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,748.00	W
		<i>Phy 2 ECAL JLAB</i>		24 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>New Bottom-Left Motherboard</i>		1	0	0	\$5,960.00	\$0.00	\$0.00	\$5,960.00	\$7,748.00	\$7,748.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,748.00	W
94	1.4.3	1.4.3 New motherboards and amplifiers		256 hrs	0	0	\$24,879.68	\$24,879.68	\$32,343.58	\$0.00	\$0.00	\$32,343.58	\$0.00	\$0.00	\$0.00	\$0.00	\$32,343.58	W
		<i>EE Hall-B JLAB</i>		224 hrs	0	0	\$24,879.68	\$24,879.68	\$32,343.58	\$0.00	\$0.00	\$32,343.58	\$0.00	\$0.00	\$0.00	\$0.00	\$32,343.58	W
		<i>Phy 2 ECAL JLAB</i>		32 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>New Amplifiers Boards</i>		60	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
95	1.4.4	1.4.4 New pre-amplifier boards		24 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Phy 2 ECAL JLAB</i>		24 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Ecal Pre-amps</i>		500	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
96	1.4.5	1.4.5 Assembling ECAL		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Phy 2 ECAL JLAB</i>		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
97	1.4.6	1.4.6 Test and Calibrate Ecal		2,080 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Phy 2 ECAL JLAB</i>		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Ph1 2 Orsay</i>		640 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Phy 1 ECAI JLAB</i>		640 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Phy 1 Orsay</i>		640 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
98	1.4.7	1.4.7 New mounting system		336 hrs	0	0	\$2,980.00	\$0.00	\$0.00	\$2,980.00	\$3,874.00	\$3,874.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,874.00	W
		<i>Phy 2 ECAL JLAB</i>		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>ECAL Mounting System</i>		1	0	0	\$2,980.00	\$0.00	\$0.00	\$2,980.00	\$3,874.00	\$3,874.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,874.00	W
		<i>ME Orsay</i>		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>MT Orsay</i>		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
99	1.4.8	1.4.8 ECAL Ready for the installation		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
100	1.5	1.5 TDAQ		1,200 hrs	0	0	\$125,512.80	\$115,512.80	\$151,055.20	\$10,000.00	\$10,000.00	\$161,055.20	\$0.00	\$0.00	\$0.00	\$10,000.00	\$151,055.20	W
101	1.5.1	1.5.1 EPICS information into data stream		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>EE DAQ JLAB</i>		160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
102	1.5.2	1.5.2 Software TDAQ		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
103	1.5.3	1.5.3 Hardware TDAQ		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
104	1.5.4	1.5.4 Update firmware on FADC250		160 hrs	0	0	\$17,771.20	\$17,771.20	\$21,325.44	\$0.00	\$0.00	\$21,325.44	\$0.00	\$0.00	\$0.00	\$0.00	\$21,325.44	W
		<i>Ben Redo (EE)</i>		160 hrs	0	0	\$17,771.20	\$17,771.20	\$21,325.44	\$0.00	\$0.00	\$21,325.44	\$0.00	\$0.00	\$0.00	\$0.00	\$21,325.44	W
105	1.5.5	1.5.5 New firmware for cluster finding		320 hrs	0	0	\$35,542.40	\$35,542.40	\$49,759.36	\$0.00	\$0.00	\$49,759.36	\$0.00	\$0.00	\$0.00	\$0.00	\$49,759.36	W
		<i>Scott Kenata (EE)</i>		320 hrs	0	0	\$35,542.40	\$35,542.40	\$49,759.36	\$0.00	\$0.00	\$49,759.36	\$0.00	\$0.00	\$0.00	\$0.00	\$49,759.36	W
106	1.5.6	1.5.6 New firmware for SSP		240 hrs	0	0	\$26,656.80	\$26,656.80	\$37,319.52	\$0.00	\$0.00	\$37,319.52	\$0.00	\$0.00	\$0.00	\$0.00	\$37,319.52	W
		<i>Ben Redo (EE)</i>		160 hrs	0	0	\$17,771.20	\$17,771.20	\$24,879.68	\$0.00	\$0.00	\$24,879.68	\$0.00	\$0.00	\$0.00	\$0.00	\$24,879.68	W
		<i>Scott Kenata (EE)</i>		80 hrs	0	0	\$8,885.60	\$8,885.60	\$12,439.84	\$0.00	\$0.00	\$12,439.84	\$0.00	\$0.00	\$0.00	\$0.00	\$12,439.84	W
107	1.5.7	1.5.7 Trigger monitoring tools		320 hrs	0	0	\$35,542.40	\$35,542.40	\$42,650.88	\$0.00	\$0.00	\$42,650.88	\$0.00	\$0.00	\$0.00	\$0.00	\$42,650.88	W

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
		<i>Ben Redo (EE)</i>		320 hrs	0	0	\$35,542.40	\$35,542.40	\$42,650.88	\$0.00	\$0.00	\$42,650.88	\$0.00	\$0.00	\$0.00	\$0.00	\$42,650.88	W
108	1.5.8	1.5.8 TDAQ ready		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
109	1.5.9	1.5.9 Data Storage		0 hrs	0	0	\$10,000.00	\$0.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00	W
		<i>Data Storage Tapes 5TB</i>	INFRA	40	0	0	\$10,000.00	\$0.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$0.00	W
110	1.6	1.6 Slow Control		2,008 hrs	0	0	\$106,817.60	\$75,527.60	\$94,409.50	\$31,290.00	\$39,112.50	\$133,522.00	\$0.00	\$0.00	\$0.00	\$27,937.50	\$105,584.50	W
111	1.6.1	1.6.1 Chiller control programming		92 hrs	0	0	\$8,885.60	\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00	W
		<i>Hovanes Hegiyan (Phys)</i>		12 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>EE Accelerator JLAB</i>		80 hrs	0	0	\$8,885.60	\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00	W
112	1.6.2	1.6.2 I/O modules for control		80 hrs	0	0	\$22,350.00	\$0.00	\$0.00	\$22,350.00	\$27,937.50	\$27,937.50	\$0.00	\$0.00	\$0.00	\$27,937.50	\$0.00	W
		<i>I/O Modules for controls</i>	INFRA	1	0	0	\$22,350.00	\$0.00	\$0.00	\$22,350.00	\$27,937.50	\$27,937.50	\$0.00	\$0.00	\$0.00	\$27,937.50	\$0.00	W
		<i>Hovanes Hegiyan (Phys)</i>		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
113	1.6.3	1.6.3 Sensor readout programming		300 hrs	0	0	\$13,328.40	\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00	\$0.00	\$0.00	\$0.00	\$16,660.50	W
		<i>Hovanes Hegiyan (Phys)</i>		180 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Nerses Gevorgyan (EE)</i>		120 hrs	0	0	\$13,328.40	\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00	\$0.00	\$0.00	\$0.00	\$16,660.50	W
114	1.6.4	1.6.4 SVT voltage control		138 hrs	0	0	\$13,328.40	\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00	\$0.00	\$0.00	\$0.00	\$16,660.50	W
		<i>Hovanes Hegiyan (Phys)</i>		18 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Nerses Gevorgyan (EE)</i>		120 hrs	0	0	\$13,328.40	\$13,328.40	\$16,660.50	\$0.00	\$0.00	\$16,660.50	\$0.00	\$0.00	\$0.00	\$0.00	\$16,660.50	W
115	1.6.5	1.6.5 ECAL voltage control		118 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Hovanes Hegiyan (Phys)</i>		78 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Nerses Gevorgyan (EE)</i>		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
116	1.6.6	1.6.6 SVT motor controls		92 hrs	0	0	\$8,885.60	\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00	W
		<i>Hovanes Hegiyan (Phys)</i>		12 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>EE Accelerator JLAB</i>		80 hrs	0	0	\$8,885.60	\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00	W
117	1.6.7	1.6.7 Target motor control		46 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
		<i>Hovanes Hegiyan (Phys)</i>		6 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>EE Accelerator JLAB</i>		40 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
118	1.6.8	1.6.8 Software interlock		142 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
		<i>Hovanes Hegiyan (Phys)</i>		102 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>EE Accelerator JLAB</i>		40 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
119	1.6.9	1.6.9 Hardware interlocks		368 hrs	0	0	\$8,940.00	\$0.00	\$0.00	\$8,940.00	\$11,175.00	\$11,175.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,175.00	W
		<i>EE Hall-B JLAB</i>		200 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Hardware Interlock Equipments</i>		1	0	0	\$8,940.00	\$0.00	\$0.00	\$8,940.00	\$11,175.00	\$11,175.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,175.00	W
		<i>Hovanes Hegiyan (Phys)</i>		168 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
120	1.6.10	1.6.10 Beamline control screens		160 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
		<i>Hovanes Hegiyan (Phys)</i>		120 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Nerses Gevorgyan (EE)</i>		40 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
121	1.6.11	1.6.11 EPICS Scalers programing		284 hrs	0	0	\$8,885.60	\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00	W
		<i>Hovanes Hegiyan (Phys)</i>		204 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Nerses Gevorgyan (EE)</i>		80 hrs	0	0	\$8,885.60	\$8,885.60	\$11,107.00	\$0.00	\$0.00	\$11,107.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,107.00	W
122	1.6.12	1.6.12 Alarms configuration		46 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
		<i>Hovanes Hegiyan (Phys)</i>		6 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Nerses Gevorgyan (EE)</i>		40 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
123	1.6.13	1.6.13 Archiving of controls		142 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
		<i>Hovanes Hegiyan (Phys)</i>		102 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>EE Accelerator JLAB</i>		40 hrs	0	0	\$4,442.80	\$4,442.80	\$5,553.50	\$0.00	\$0.00	\$5,553.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5,553.50	W
124	1.7	1.7 Installation & Commissioning		728 hrs	0	0	\$45,244.80	\$45,244.80	\$57,936.96	\$0.00	\$0.00	\$57,936.96	\$0.00	\$0.00	\$54,999.36	\$0.00	\$2,937.60	W
125	1.7.1	1.7.1 SVT installation		48 hrs	0	0	\$2,937.60	\$2,937.60	\$2,937.60	\$0.00	\$0.00	\$2,937.60	\$0.00	\$0.00	\$0.00	\$0.00	\$2,937.60	W
		<i>Marco Oriunno (ME)</i>		16 hrs	0	0	\$2,937.60	\$2,937.60	\$2,937.60	\$0.00	\$0.00	\$2,937.60	\$0.00	\$0.00	\$0.00	\$0.00	\$2,937.60	W
		<i>Tim Nelson (Phys)</i>		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Per Hansson (Phys)</i>		16 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
126	1.7.2	1.7.2 SVT Commissioning	OP	120 hrs	0	0	\$6,670.80	\$6,670.80	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00	W
		<i>Ryan Herbst (EE)</i>	OP	40 hrs	0	0	\$6,670.80	\$6,670.80	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00	\$8,672.04	\$0.00	\$0.00	W
		<i>Tim Nelson (Phys)</i>	OP	40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Per Hansson (Phys)</i>	OP	40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
127	1.7.3	1.7.3 ECAL Commissioning	OP	120 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>Phy 2 ECAL JLAB</i>	OP	40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>MT Orsay</i>	OP	40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		<i>ET Orsay</i>	OP	40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
128	1.7.4	1.7.4 TDAQ Commissioning	OP	320 hrs	0	0	\$28,204.80	\$28,204.80	\$36,666.24	\$0.00	\$0.00	\$36,666.24	\$0.00	\$0.00	\$36,666.24	\$0.00	\$0.00	W
		<i>Ryan Herbst (EE)</i>	OP	80 hrs	0	0	\$13,341.60	\$13,341.60	\$17,344.08	\$0.00	\$0.00	\$17,344.08	\$0.00	\$0.00	\$17,344.08	\$0.00	\$0.00	W
		<i>EE Hall-B JLAB</i>	OP	80 hrs	0	0	\$8,885.60	\$8,885.60	\$11,551.28	\$0.00	\$0.00	\$11,551.28	\$0.00	\$0.00	\$11,551.28	\$0.00	\$0.00	W

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
		ET Hall-B JLAB	OP	80 hrs	0	0	\$5,977.60	\$5,977.60	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	\$7,770.88	\$0.00	\$0.00	W
		Phy 1 JD	OP	80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
129	1.7.5	1.7.5 Slow Control Commissioning	OP	120 hrs	0	0	\$7,431.60	\$7,431.60	\$9,661.08	\$0.00	\$0.00	\$9,661.08	\$0.00	\$0.00	\$9,661.08	\$0.00	\$0.00	W
		EE Hall-B JLAB	OP	40 hrs	0	0	\$4,442.80	\$4,442.80	\$5,775.64	\$0.00	\$0.00	\$5,775.64	\$0.00	\$0.00	\$5,775.64	\$0.00	\$0.00	W
		ET Hall-B JLAB	OP	40 hrs	0	0	\$2,988.80	\$2,988.80	\$3,885.44	\$0.00	\$0.00	\$3,885.44	\$0.00	\$0.00	\$3,885.44	\$0.00	\$0.00	W
		Hovanes Hegiyan (Phys)	OP	40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
130	1.7.6	1.7.6 HPS ready for the beam		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
131	1.8	1.8 Electron Running		4,160 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
132	1.8.1	1.8.1 Beamline Commissioning (2014)		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Ken Moffeit (Phys)		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 2 ECAL JLAB		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 M		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 JD		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Hovanes Hegiyan (Phys)		40 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
133	1.8.2	1.8.2 Detector Commissioning Run (2014)		640 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Ken Moffeit (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 2 ECAL JLAB		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 M		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 JD		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Hovanes Hegiyan (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
134	1.8.3	1.8.3 Data Run 2.2GeV (2014)		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
135	1.8.4	1.8.4 Data Run 1.1 GeV (2014)		0 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
136	1.8.5	1.8.5 Beamline recommissioning (2015)		640 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Ken Moffeit (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 2 ECAL JLAB		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 M		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 JD		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Hovanes Hegiyan (Phys)		80 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
137	1.8.6	1.8.6 Data Run (2015)		2,560 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Ken Moffeit (Phys)		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepanyan (Phys)		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 2 ECAL JLAB		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Per Hansson (Phys)		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 M		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Phy 1 JD		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Hovanes Hegiyan (Phys)		320 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
138	1.9	1.9 SLAC Travel Meetings		2,520 hrs	0	0	\$103,963.50	\$103,963.50	\$124,756.20	\$0.00	\$0.00	\$124,756.20	\$0.00	\$0.00	\$124,756.20	\$0.00	\$0.00	W
139	1.9.1	1.9.1 Consultation 1 at JLAB		160 hrs	0	0	\$6,273.00	\$6,273.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00	\$0.00	W
		Marco Oriunno (ME)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Rental Car 1	OP	40 hrs	0	0	\$535.50	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	W
140	1.9.2	1.9.2 Collaboration Meeting November 2013	OP	440 hrs	0	0	\$18,283.50	\$18,283.50	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00	\$0.00	\$21,940.20	\$0.00	\$0.00	W
		Marco Oriunno (ME)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Ryan Herbst (EE)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Per Hansson (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Rental Car 1	OP	40 hrs	0	0	\$535.50	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	W
		Rental Car 2	OP	40 hrs	0	0	\$535.50	\$535.50	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	\$642.60	\$0.00	\$0.00	W
		Takashi Maruyama (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Sho Uemura (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		Matt Graham (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
		John Jaros (Phys)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W
141	1.9.3	1.9.3 Consultation 2 at JLAB		160 hrs	0	0	\$6,273.00	\$6,273.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00	\$0.00	\$7,527.60	\$0.00	\$0.00	W
		Marco Oriunno (ME)	OP	40 hrs	0	0	\$1,912.50	\$1,912.50	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	\$2,295.00	\$0.00	\$0.00	W

ID	WBS	Task Name	Type	Work	# Spares	Prototyp	Cost	Labor	Ltotal	Material	Mtotal	Total	Spares	Prototypes	Total Operations	Total Infrastructures	Total Capital Equipments	De
149	1.10.3	1.10.3 Commissioning (2014)		400 hrs	0	0	\$12,087.00	\$12,087.00	\$15,713.10	\$0.00	\$0.00	\$15,713.10	\$0.00	\$0.00	\$15,713.10	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Tim Nelson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Per Hansson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Rental Car 1	OP	80 hrs	0	0	\$1,071.00	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	W
		Takashi Maruyama (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
150	1.10.4	1.10.4 Run 2.2GeV (2014)		320 hrs	0	0	\$9,333.00	\$9,333.00	\$11,306.70	\$0.00	\$0.00	\$11,306.70	\$0.00	\$0.00	\$11,306.70	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Per Hansson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Rental Car 1	OP	80 hrs	0	0	\$1,071.00	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	W
		Takashi Maruyama (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$2,754.00	\$0.00	\$0.00	\$2,754.00	\$0.00	\$0.00	\$2,754.00	\$0.00	\$0.00	W
151	1.10.5	1.10.5 Run 1.1 GeV (2014)		320 hrs	0	0	\$9,333.00	\$9,333.00	\$12,132.90	\$0.00	\$0.00	\$12,132.90	\$0.00	\$0.00	\$12,132.90	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Tim Nelson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Per Hansson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Rental Car 1	OP	80 hrs	0	0	\$1,071.00	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	W
152	1.10.6	1.10.6 Commissioning (2015)		560 hrs	0	0	\$15,912.00	\$15,912.00	\$28,121.40	\$0.00	\$0.00	\$28,121.40	\$0.00	\$0.00	\$28,121.40	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$11,016.00	\$0.00	\$0.00	\$11,016.00	\$0.00	\$0.00	\$11,016.00	\$0.00	\$0.00	W
		Tim Nelson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Per Hansson (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Rental Car 1	OP	80 hrs	0	0	\$1,071.00	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	W
		Rental Car 2	OP	80 hrs	0	0	\$1,071.00	\$1,071.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	\$1,392.30	\$0.00	\$0.00	W
		Takashi Maruyama (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
		Sho Uemura (Phys)	OP	80 hrs	0	0	\$2,754.00	\$2,754.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	\$3,580.20	\$0.00	\$0.00	W
153	1.10.7	1.10.7 Run 2.2 GeV (2015)		640 hrs	0	0	\$15,453.00	\$15,453.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	160 hrs	0	0	\$4,437.00	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	W
		Per Hansson (Phys)	OP	160 hrs	0	0	\$4,437.00	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	W
		Rental Car 1	OP	160 hrs	0	0	\$2,142.00	\$2,142.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00	W
		Takashi Maruyama (Phys)	OP	160 hrs	0	0	\$4,437.00	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	W
154	1.10.8	1.10.8 Run 6.6 GeV (2015)		640 hrs	0	0	\$15,453.00	\$15,453.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00	\$20,088.90	\$0.00	\$0.00	W
		Ken Moffeit (Phys)	OP	160 hrs	0	0	\$4,437.00	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	W
		Tim Nelson (Phys)	OP	160 hrs	0	0	\$4,437.00	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	W
		Rental Car 1	OP	160 hrs	0	0	\$2,142.00	\$2,142.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00	\$2,784.60	\$0.00	\$0.00	W
		Sho Uemura (Phys)	OP	160 hrs	0	0	\$4,437.00	\$4,437.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	\$5,768.10	\$0.00	\$0.00	W
155	1.11	1.11 Project management		4,544.8 hrs	0	0	\$128,373.12	\$128,373.12	\$166,885.06	\$0.00	\$0.00	\$166,885.06	\$0.00	\$0.00	\$0.00	\$0.00	\$166,885.06	W
		Marco Oriunno (ME)		699.2 hrs	0	0	\$128,373.12	\$128,373.12	\$166,885.06	\$0.00	\$0.00	\$166,885.06	\$0.00	\$0.00	\$0.00	\$0.00	\$166,885.06	W
		John Jaros (Phys)		349.6 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
		Stepan Stepnyan (Phys)		3,496 hrs	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	W
156	1.12	1.12 UCSC Funds		0 hrs	0	0	\$462,905.90	\$0.00	\$0.00	\$462,905.90	\$462,905.90	\$462,905.90	\$0.00	\$0.00	\$462,905.90	\$0.00	\$0.00	W
157	1.12.1	1.12.1 UCSC FY13		0 hrs	0	0	\$53,547.00	\$0.00	\$0.00	\$53,547.00	\$53,547.00	\$53,547.00	\$0.00	\$0.00	\$53,547.00	\$0.00	\$0.00	W
		UCSC Omar Moreno	OP	4	0	0	\$32,000.00	\$0.00	\$0.00	\$32,000.00	\$32,000.00	\$32,000.00	\$0.00	\$0.00	\$32,000.00	\$0.00	\$0.00	W
		UCSC Vitaliy Fadeyev	OP	1	0	0	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00	W
		UCSC Travel	OP	1	0	0	\$6,000.00	\$0.00	\$0.00	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	\$0.00	\$6,000.00	\$0.00	\$0.00	W
		UCSC M&S	OP	1	0	0	\$2,547.00	\$0.00	\$0.00	\$2,547.00	\$2,547.00	\$2,547.00	\$0.00	\$0.00	\$2,547.00	\$0.00	\$0.00	W
158	1.12.2	1.12.2 UCSC FY14		0 hrs	0	0	\$119,641.00	\$0.00	\$0.00	\$119,641.00	\$119,641.00	\$119,641.00	\$0.00	\$0.00	\$119,641.00	\$0.00	\$0.00	W
		UCSC Omar Moreno	OP	10.8	0	0	\$86,400.00	\$0.00	\$0.00	\$86,400.00	\$86,400.00	\$86,400.00	\$0.00	\$0.00	\$86,400.00	\$0.00	\$0.00	W
		UCSC Vitaliy Fadeyev	OP	1	0	0	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00	W
		UCSC Travel	OP	2.1	0	0	\$12,600.00	\$0.00	\$0.00	\$12,600.00	\$12,600.00	\$12,600.00	\$0.00	\$0.00	\$12,600.00	\$0.00	\$0.00	W
		UCSC M&S	OP	3	0	0	\$7,641.00	\$0.00	\$0.00	\$7,641.00	\$7,641.00	\$7,641.00	\$0.00	\$0.00	\$7,641.00	\$0.00	\$0.00	W
159	1.12.3	1.12.3 UCSC FY15		0 hrs	0	0	\$159,531.60	\$0.00	\$0.00	\$159,531.60	\$159,531.60	\$159,531.60	\$0.00	\$0.00	\$159,531.60	\$0.00	\$0.00	W
		UCSC Omar Moreno	OP	12.1	0	0	\$96,800.00	\$0.00	\$0.00	\$96,800.00	\$96,800.00	\$96,800.00	\$0.00	\$0.00	\$96,800.00	\$0.00	\$0.00	W
		UCSC Vitaliy Fadeyev	OP	1	0	0	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00	W
		UCSC Travel	OP	7.1	0	0	\$42,600.00	\$0.00	\$0.00	\$42,600.00	\$42,600.00	\$42,600.00	\$0.00	\$0.00	\$42,600.00	\$0.00	\$0.00	W
		UCSC M&S	OP	2.8	0	0	\$7,131.60	\$0.00	\$0.00	\$7,131.60	\$7,131.60	\$7,131.60	\$0.00	\$0.00	\$7,131.60	\$0.00	\$0.00	W
160	1.12.4	1.12.4 UCSC FY16		0 hrs	0	0	\$130,186.30	\$0.00	\$0.00	\$130,186.30	\$130,186.30	\$130,186.30	\$0.00	\$0.00	\$130,186.30	\$0.00	\$0.00	W
		UCSC Omar Moreno	OP	12	0	0	\$96,000.00	\$0.00	\$0.00	\$96,000.00	\$96,000.00	\$96,000.00	\$0.00	\$0.00	\$96,000.00	\$0.00	\$0.00	W
		UCSC Vitaliy Fadeyev	OP	1	0	0	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	\$0.00	\$0.00	W
		UCSC Travel	OP	2.3	0	0	\$13,800.00	\$0.00	\$0.00	\$13,800.00	\$13,800.00	\$13,800.00	\$0.00	\$0.00	\$13,800.00	\$0.00	\$0.00	W
		UCSC M&S	OP	2.9	0	0	\$7,386.30	\$0.00	\$0.00	\$7,386.30	\$7,386.30	\$7,386.30	\$0.00	\$0.00	\$7,386.30	\$0.00	\$0.00	W