

**Linac Coherent Light Source (LCLS)  
Actual Cost Summary  
October 2007**

	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	<u>FY08</u>	<b>ACWP Project to Date</b>	<b>COBRA</b>	<b>DELTA</b>
<b>PROJECT ENGINEERING &amp; DESIGN</b>										
Argonne National Laboratory		543.20	1,519.30	2,711.40	419.87	14.33	0.00	5,208.11	5,208.11	0.00
Lawrence Livermore National Laboratory		672.00	801.00	2,910.68	1,635.49	0.51	0.00	6,019.69	6,019.69	0.00
Stanford Linear Accelerator Center		2,429.00	7,392.90	11,182.40	2,996.18	724.37	0.00	24,724.85	24,725.62	0.76
<b>TOTAL PED</b>		<b>3,644.20</b>	<b>9,713.20</b>	<b>16,804.48</b>	<b>5,051.55</b>	<b>739.22</b>	<b>0.00</b>	<b>35,952.65</b>	<b>35,953.41</b>	<b>0.76</b>
<b>CONSTRUCTION</b>										
Argonne National Laboratory				699.81	9,596.26	9,792.43	575.93	20,664.44	20,664.44	0.00
Lawrence Livermore National Laboratory				131.92	4,279.89	7,959.11	1,215.65	13,586.57	13,586.57	0.00
Stanford Linear Accelerator Center				7,035.80	47,939.75	81,507.84	18,491.96	154,975.36	154,975.85	0.50
<b>TOTAL CONSTRUCTION</b>				<b>7,867.53</b>	<b>61,815.90</b>	<b>99,259.39</b>	<b>20,283.54</b>	<b>189,226.36</b>	<b>189,226.86</b>	<b>0.50</b>
<b>OTHER PROJECT COSTS</b>										
Argonne National Laboratory	0.00	0.00	317.20	404.87	0.00	-15.07	104.57	811.56	811.56	0.00
Lawrence Livermore National Laboratory	0.00	0.00	249.70	178.73	-28.20	564.36	0.00	964.59	964.62	0.03
Stanford Linear Accelerator Center	1,507.93	0.00	1,424.06	2,547.10	2,549.47	9,778.71	1,085.98	18,893.26	18,892.44	-0.81
<b>TOTAL OPC</b>	<b>1,507.93</b>	<b>0.00</b>	<b>1,990.96</b>	<b>3,130.70</b>	<b>2,521.27</b>	<b>10,328.00</b>	<b>1,190.55</b>	<b>20,669.41</b>	<b>20,668.62</b>	<b>-0.78</b>
<b>TOTAL PROJECT COSTS</b>	<b>1,507.93</b>	<b>3,644.20</b>	<b>11,704.16</b>	<b>27,802.72</b>	<b>69,388.72</b>	<b>110,326.61</b>	<b>21,474.09</b>	<b>245,848.42</b>	<b>245,848.89</b>	<b>0.47</b>

**Description of LCLS Monthly Actual Cost Reconciliation Process:**

The Linac Coherent Light Source (LCLS) finance staff at Stanford Linear Accelerator Center, Argonne National Laboratory and Lawrence Livermore Laboratory are responsible for preparing a file each month that represents the actual cost associated with the LCLS project. Each lab creates an Excel spreadsheet that contains cost data from the general ledger system and forwards the file to the LCLS project controls group by the 10th working day of each month. The LCLS Finance Officer updates columns C - J in the spreadsheet shown above. The LCLS Project Controls group loads the cost data into the Cobra database, runs an actual cost report from Cobra and enters the data in column L above. The variance between the Cobra database and the actual cost source files is generally a result of rounding or data truncation. A variance under \$1,000 is considered acceptable given the total cost of the LCLS project.