1.01	R&D							10/07/2013	13:07	Rollup				1173
DESCRIPTION:	Research & Development to develop design solutions that meet performance goals while optimizing cost and schedule.													
INHOUSE LABOR (MANWEEKS)	----------													
	Weekly Rate	**ETC**	**ETC Total**		**Weekly Rate**	**ETC**	**ETC Total**		**Weekly Rate**	**ETC**	**ETC Total**			
Plant Eng	2.8992			Mech Dsgn	1.9884			Office	1.1784					
Skilled Trades	1.3808			Mech Tech	1.8344			Directorate	7.8832					
Elect Engr	2.9124			Senior Staff	4.6640			Contrib Univ Labor						
Elect Dsgn	2.0848			Scientists	2.9144			Visiting Users	0.7980					
Elect Tech	1.8216			Comp Scientist	2.7084			Paid Univ Staff	2.3192					
Mech Eng	2.8944			Admin	2.4244			Paid Univ Student	0.4404					

	FY04-10 Actuals + Committed	**FY11 Actuals + Committed**	**FY12 Actuals + Committed**	**FY13 Actuals + Committed**	**Cost + Committed To Date Total**	**ETC in FY13 $**	**Estimate at Completion**	**Lehman May-2013**	**Variance**
Labor Manweeks	1,341.603				1,341.603		1,341.603	1,341.603	0.000
FTE Years	30.491				30.491		30.491	30.491	0.000
TOTAL LABOR $	**3,118.998**				**3,118.998**		**3,118.998**	**3,118.998**	**0.000**
$ per Jlab FTE YEAR	102.293				102.293		102.307	102.307	0.000
Supplies & Materials	1,826.413				1,826.413		1,826.413	1,826.413	
Travel	65.696				65.696		65.696	65.696	
Consult & Prch Labor	70.849				70.849		70.849	70.849	
Machine Shop Labor	204.609				204.609		204.609	204.609	
TOTAL EXPENSES	**2,167.568**				**2,167.568**		**2,167.568**	**2,167.568**	
Major Components/A&E < $50K	473.203				473.203		473.203	473.203	
Major Components/A&E > $50K	180.273	0.000			180.272		180.272	180.272	
TOTAL PROCUREMENTS	**653.475**	**0.000**			**653.475**		**653.475**	**653.475**	
Total Costs (No overhead)	**5,940.041**	**0.000**			**5,940.041**		**5,940.041**	**5,940.041**	
Labor w/overhead	3,663.807				3,663.807		3,663.807	3,663.807	
Expenses w/overhead	2,673.394				2,673.394		2,673.394	2,673.394	
Procurement w/overhead	714.341	0.000			714.341		714.341	714.341	
GRAND TOTAL	**7,051.543**	**0.000**			**7,051.543**		**7,051.543**	**7,051.543**	

YEAR	**FY 2004/09**	**FY 2010**	**FY 2011**	**FY 2012**	**FY13 Actuals thru 8/31/13**	**Actuals**	**FY13 Sep 1 - Sep 30**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Total**
LABOR - Obligation	3,663.807													3,663.807
EXPENSES - Obligation	2,673.394													2,673.394
PROCUREMENTS - Obligation	715.109	-0.767	0.000											714.341
TOTAL	**7,052.310**	**-0.767**	**0.000**											**7,051.543**
ESCL TOTAL	**7,052.310**	**-0.767**	**0.000**											**7,051.543**

MANWEEKS	**FY 2004/09**	**FY 2010**	**FY 2011**	**FY 2012**	**FY13 Actuals thru 8/31/13**		**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Total**
Plant Eng														
Skilled Trades, Electrician	2.600 MW													2.600 MW
Elect Engr	271.960 MW													271.960 MW
Elect Dsgn	13.488 MW													13.488 MW
Elect Tech	87.188 MW													87.188 MW
Mech Eng	286.008 MW													286.008 MW
Mech Dsgn	116.300 MW													116.300 MW
Mech Tech	117.053 MW													117.053 MW
Senior Staff	81.420 MW													81.420 MW
Scientists	282.093 MW													282.093 MW
Comp Scientist	45.535 MW													45.535 MW
Admin	18.263 MW													18.263 MW
Office	8.438 MW													8.438 MW
Directorate	11.010 MW													11.010 MW
Contributed University Labor														
Visting Users														
Paid University Staff														
Paid University Students	0.250 MW													0.250 MW
TOTAL MANWEEKS	**1,341.603 MW**													**1,341.603 MW**
TOTAL FTES	**30.491 FTEs**													**30.491 FTEs**
Supplies & Materials	$1,826.413 K													$1,826.413 K
Travel	$65.696 K													$65.696 K
Purch Labor	$70.849 K													$70.849 K
Machine Shop Labor	$204.609 K													$204.609 K
PROCUREMENTS <50K	$473.824 K	-$0.622 K												$473.203 K
PROCUREMENTS >50K	$180.272 K	$0.000 K	$0.000 K											$180.272 K
	$2,821.664 K	**-$0.622 K**	**$0.000 K**											**$2,821.043 K**

$$$$$$$$$$	**FY 2004/09**	**FY 2010**	**FY 2011**	**FY 2012**	**FY13 Actuals thru 8/31/13**		**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**FY 2019**	**Total**
Plant Eng														
Skilled Trades, Electrician	$2.716 K													$2.716 K
Elect Engr	$653.341 K													$653.341 K
Elect Dsgn	$21.847 K													$21.847 K
Elect Tech	$134.335 K													$134.335 K
Mech Eng	$659.456 K													$659.456 K
Mech Dsgn	$210.945 K													$210.945 K
Mech Tech	$182.661 K													$182.661 K
Senior Staff	$328.671 K													$328.671 K
Scientists	$714.666 K													$714.666 K
Comp Scientist	$101.232 K													$101.232 K
Admin	$28.445 K													$28.445 K
Office	$8.463 K													$8.463 K
Directorate														$72.083 K
Contributed University Labor														
Visting Users														
Paid University Staff														
Paid University Students	$0.136 K													$0.136 K
TOTAL	$3,118.998 K													$3,118.998 K
TOTAL w/G&A	**$3,663.807 K**													**$3,663.807 K**
Original Direct	**$5,940.662 K**	**-$0.622 K**	**$0.000 K**											**$5,940.041 K**
Original Burdened	**$7,052.310 K**	**-$0.767 K**	**$0.000 K**											**$7,051.543 K**
Original Escalated	**$7,052.310 K**	**-$0.767 K**	**$0.000 K**											**$7,051.543 K**