| DESCRIPTION: <br> 1.03 | $\begin{aligned} & \text { Conons } \\ & \hline \text { Thic } \end{aligned}$ | Systems | of the crromodues, |  |  |  | xtraction systems, a | dinstumentation, contion |  | , |  |  |  | - 1173 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NHHOUSE LABOR (MANWEEK | Weekly Rate | ETC | ETC Total |  | Weekly Rate |  | ETC Total |  |  |  |  |  |  |  |  |  |
| Plant Eng | Weekly ${ }_{2}{ }_{2} .899$ |  |  | Meec Dsgn | Weekly fate ${ }_{1.988}$ | ${ }_{13.920}$ | ETC Total 27.679 | Office | WeeklyRate <br> 1.178 |  | IC Total 0.648 |  |  |  |  |  |
| illed T Tades | 1.381 | 9.640 | ${ }^{13.311}$ | Meeh Teech | 1.834 | 157.480 | ${ }^{288.881}$ | Directorate | 7.883 |  |  |  |  |  |  |  |
| Elect Engr | 2.912 | 113.450 | ${ }^{330.412}$ | Senior Statf | 4.664 | 11.300 | 52.703 | Contrib Univ Labor |  |  |  |  |  |  |  |  |
| Elect Dosn | 2.085 | ${ }^{377,780}$ | ${ }^{78.754}$ |  | 2.914 | 4.370 |  | Visting Users | ${ }^{0.798}$ |  |  |  |  |  |  |  |
| $\xrightarrow{\text { Eeect ech }}$ Meeh Eng | ${ }_{2.894}^{1.822}$ | 253.390 45.370 | ${ }_{\text {lini.319 }}^{461.575}$ | Comp Scientist | 2.708 2.424 |  | 242.077 | Pald | ${ }^{2.319} 0$ |  |  |  |  |  |  |  |
|  | FY04-10 Actuals + Committed | FY11 Actuals + Committed | FY12 Actuals + Committed | FY13 Actuals + Committed | Cost + Committed To Date Total | ETC in FY13s | Estimate at Completion | Lehman May-2013 | Variance |  |  |  |  |  |  |  |
| Labor manveers |  | ${ }_{4}^{4,316.365595 \mathrm{Sk}}$ | ${ }^{3,6619.5655 \mathrm{Sk}}$ |  | (14.154.12385k | , 736.63085 SK | ${ }^{14.880 .7535855}$ | ${ }^{14,3,322.877^{2} \text { Sk }}$ | ${ }_{\text {ckis }}^{58.4}$ |  |  |  |  |  | 44 |  |
| Totallabors | 5,899.575 5k | 8,524.551 sk | ${ }^{7,278.6075 \mathrm{SK}}$ | ${ }^{7,355.013} 5 \mathrm{sk}$ | ${ }^{29,077.6855 \mathrm{SK}}$ | ${ }_{1,640.105 \mathrm{sk}}$ | ${ }^{30,7717.7905 \mathrm{SK}}$ | ${ }^{29,458.3644^{\text {Sk }}}$ | 1,259 sk |  |  |  |  |  | 1.226 |  |
| $\frac{\$ \text { per Jlab }}{\text { Sut YeAR }}$ |  | $\frac{86.897 \text { sk }}{2.541 .455 \mathrm{sk}}$ |  | $\frac{91.903 \text { SK }}{1,298.855 \mathrm{SK}}$ | $\stackrel{.90 .392 \text { SK }}{10,1326415 \mathrm{sk}}$ | 97.966 Sk | $\frac{.00 .650 \text { Sk }}{10,214.50 \text { Sk }}$ |  |  |  |  |  |  |  |  |  |
| Supplies \& Maleeras Travel |  | ${ }_{2,545.8555 \mathrm{sk}}$ | ${ }^{2, .669 .6255}$ | ${ }_{\text {T, } 2 \text { 20.6.36 S SK }}$ |  | ${ }_{9.799 \mathrm{SK}}$ | ${ }_{2} 21.3 .714$ SK |  | ¢11 |  |  |  |  |  |  |  |
| Consult 8 Prch Lavor | 448.394 \$ K | ${ }_{\text {1,150.532 } 5 \mathrm{~K}}$ | ${ }_{834.029 ~ 5 K}^{20}$ | ${ }_{481.0317 \text { sk }}$ |  | ${ }_{14.62758} 19$ |  | ${ }_{2,922.750 \text { sk }}$ | \$7\% |  |  |  |  |  |  |  |
| Machine Shop labor |  | , 12.877 .578 SK SK |  | 2,250.246 sk | (14,55.576 SK | ${ }_{\text {110.959 SK }}$ | 14,469.53 SK | [13,22.748 SK | (task |  |  |  |  |  |  |  |
| Major ComponentsA\&E < 850 K | 3,258.589 Sk | 1,446.498 ¢K | 990.179 Sk | 590.514 Sk | ${ }^{6,285.780 ~ 5 ~ K ~}$ | 446.202 SK | ${ }^{6,731.982 \mathrm{~s}}$ | $7,013.97$ SK |  |  |  |  |  |  |  |  |
|  | 41,081.801 9 K | ${ }^{2,240.69292 \mathrm{SK}}$ | ${ }_{\text {2, }}^{2,777.95955}$ |  | ${ }^{46,099.826 ~ 5 K}$ |  | ${ }_{45,979.826 \text { Sk }}$ | ${ }_{46,130.697 \text { s } K}$ |  |  |  |  |  |  |  |  |
| Total Costs ${ }^{\text {a }}$ (No overemeas) | ${ }_{\text {4, }}^{44,488.20393 \mathrm{SK}}$ |  |  | ${ }_{10,205.1515 \mathrm{sk}}$ | ${ }_{\text {52, }}^{55,815.566 \text { SK }}$ | ${ }_{\text {2,083.265 SK }}^{\text {23002 }}$ |  |  | $\underset{\substack{\text {-5433 } \\ 51,33 \mathrm{~K}}}{\text { - }}$ |  |  |  |  |  |  |  |
| Labor woveremead | 6,553.006 sk | 9,422.538 \$K | ${ }^{8,086.56685 \mathrm{Sk}}$ | ${ }^{8,245.2648}$ | ${ }^{32,307.3773 \text { Sk }}$ | ${ }^{1,88369977 \text { SK }}$ | 34,144,291 | ${ }^{32,731.7128}$ | \$1,413 K |  |  |  |  |  |  |  |
| Proupenses woverhead | $4,778.0 .344 \mathrm{~K}$ | ${ }^{4,282.18555 \mathrm{~K}}$ | ${ }^{4.4199 .1655 \mathrm{SK}}$ | ${ }^{2,5158.2888 \mathrm{Kk}}$ | ${ }^{15,937.412 \text { 2 } K}$ | ${ }^{130.9945 \mathrm{SK}}$ | ${ }^{16,0686.405585}$ | ${ }_{\text {l }}^{\text {15,453.833 5K }}$ |  |  |  |  |  |  |  |  |
|  |  |  | ${ }_{\text {cher }}$ | ${ }_{11,4143.986 \text { sk }}$ |  | ${ }_{2,347.657 \text { SK }}$ |  |  | \$1,561 K |  |  |  |  |  |  |  |
|  | FY 200409 | FY 2010 |  |  | $\underset{\substack{\text { FY13 Actuals thru } \\ 8 / 3 / 11 \\ \hline \\ \hline}}{ }$ | Actuals | $\begin{gathered} \text { FY13 } \\ \text { Sep } 1 \text { - Sep } 30 \\ \hline \end{gathered}$ | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 |  |  |  |
| LABOR-Obligation | \$9002.208 K | ${ }_{\text {85,650.798 }}$ | ${ }_{69,422.538 \mathrm{~K}}$ | \$8,088.566 K | ${ }_{\text {\$8,245,264 }}$ |  | Sepserene | \$1,298.589 K | ${ }_{\text {S90.106 K }}$ |  |  |  |  |  | ${ }^{831} 1.396 .601 \mathrm{~K}$ | ${ }^{\$ 2,77.689 \mathrm{~K}}$ |
| PROCUREMENENSS - Obiligation | \$5501.913 K |  |  |  |  |  | \$477.437 K |  | \$0.354 K |  |  |  |  |  | (\$4.066.818 K | ${ }_{\text {S }}^{\text {S2,001.587 }}$ |
| total | ${ }_{\text {S24,730.423 }}$ | ${ }_{\text {S33,241.046 K }}$ | ${ }_{\text {S17,539.969 K }}$ | \$16,395.712K | \$11,413.886 K |  | \$576.658 K | \$1,761.538 K | S9.461 K |  |  |  |  |  |  | . 039 K |
| ESCL TOTAL | ${ }^{\text {S24,730.423 }}$ | ${ }^{\text {s37,244,046 K }}$ | \$17,539.969 K | \$16,395.712 | \$11,413.886 K |  | ${ }^{\text {S576.658 K }}$ | s1,821.599 K | S10.074 K |  |  |  |  | 103,729.327K | 599,470.709 K | \$4,258.619 K |
| manweeks | FY 200409 | FY 2010 | FY 2011 | FY 2012 | ${ }_{\text {FY13 Actuals thru }}^{8 / 1 / 13}$ |  | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 |  |  |  |  |  |
| Mancinteng |  |  | ${ }^{3.878 \text { MW }}$ | ${ }_{1.565 \mathrm{MW}}$ | 1.648 MW |  |  |  |  |  |  |  | FY 2019 | ${ }_{7}^{\text {Total }}$ (090 MW | Total 5.443 MW | 1.648 MW |
| Skilled Trades, Eleatrician |  | 17.950 MW | ${ }^{66.363} \mathbf{3 W}$ | ${ }^{40.000 ~ M W}$ | 65.700 MW |  | ${ }^{4.460 ~ M W}$ | ${ }_{5}^{5.180 \mathrm{MW}}$ |  |  |  |  |  | 199.653 MW | 187.9880 MW | ${ }^{1.672 \mathrm{MW}}$ |
|  |  | 344.933 MW <br> 2.953 W | ${ }_{\text {493.595 M W }}$ |  | 年77.750 M W |  | (15.960 MV | ${ }^{977.121 / 4 W}$ | 0.369 MW |  |  |  |  |  |  | 2299.73 MW |
| Eleat Tech | ${ }_{5.663 \text { MW }}$ | ${ }_{2}^{234.2655 \mathrm{MW}}$ | ${ }_{700.5353 \mathrm{MW}}$ | ${ }_{652.168 \mathrm{MW}}$ | ${ }_{7} 75.5558 \mathrm{MW}$ |  | ${ }_{5}^{62.10} 0$ | ${ }_{1} 997.978$ MW |  |  |  |  |  | 2,6077.577 MW | ${ }^{2.394 .047 ~ M W}$ |  |
| Mech Eng | 166.645 MW | 66.500 MW | ${ }^{744.545 \mathrm{MW}}$ | 54.515 MW | 452.388 MW |  | ${ }_{22} 2.770 \mathrm{MW}$ | 22.600 MW |  |  |  |  |  | ${ }_{2,611.023 \mathrm{MW}}$ | ${ }_{2.410 .865 \text { MW }}$ | ${ }_{200.157 \mathrm{MW}}$ |
| Meec Dogn | ${ }_{5}^{56.2255 \mathrm{MW}}$ | ${ }^{438.373 \text { M W }}$ | ${ }^{421.9338 \mathrm{MW}}$ | ${ }^{279.100 ~ M W ~}$ | ${ }^{173.858 ~ M W ~}$ |  | ${ }_{5.630 \mathrm{MW}}$ | ${ }^{8.290 ~ M W}$ |  |  |  |  |  |  | ${ }^{1,272.550 ~ M V}$ | ${ }^{10.857 ~ M W}$ |
| Menior Satat | $\underset{\substack{26.453 \mathrm{MW} \\ 38.363 \mathrm{MW}}}{\text { 20, }}$ |  | $\xrightarrow{\text { 1,600.360 }} 9$ | +,3848.433 M | $1,311.520 \mathrm{MV}$ <br> 53.210 MW |  |  |  |  |  |  |  |  | ${ }_{\text {4,966 }}^{36433} 5$ |  | ( |
| ${ }_{\text {comen }}^{\text {Scientisis }}$ | 4.163 MW |  |  |  |  |  | ${ }^{0.6880 \mathrm{MW}}$ |  |  |  |  |  |  | ${ }^{126.135 ~ M W}$ | ${ }^{114.097 ~ M W ~}$ | ${ }^{12.0388 \mathrm{MW}}$ |
| Comp scienis |  |  | - | ${ }_{1} 5.3508 \mathrm{MW}$ | ${ }^{10.525}$ |  | W |  |  |  |  |  |  | ${ }_{48}$ | ${ }_{4}^{39.5525 \mathrm{MW}}$ | - |
| Office | 0.250 MW | 2.713 MW | 9.000 Mw | 18.063 MW | ${ }^{21.288 \mathrm{MN}}$ |  | 0.050 mw | 0.500 MW |  |  |  |  |  | 51.863 MW | ${ }^{31.125 \mathrm{MN}}$ | ${ }^{20.737 \mathrm{MW}}$ |
| Contributed Univesisty Labaor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Visting users |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Padid Univesty Staff |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL MANWEEKS | ${ }^{325.155 \mathrm{mw}}$ | ${ }^{2,362,730 \mathrm{MWW}}$ | ${ }_{4,366.365 \mathrm{mw}}$ | 3,619.565 MW | ${ }^{3,53.9088 \mathrm{mw}}$ |  | ${ }^{223 \mathrm{MW}}$ | 510 mw | 4 mw |  |  |  |  | ${ }^{\text {14,89 }}$ Mw | ${ }^{13,732.846 \mathrm{~mW}}$ | ${ }_{\text {l/,157.907 MW }}$ |
| Total Ftes Supies \& Materis | ${ }_{\text {7.300 FTEs }}^{\text {S4F }}$ | ${ }_{\text {S }}^{53.685 \mathrm{FTEs}}$ |  | ${ }^{\text {82,263 FTEs }}$ |  |  |  | ${ }_{\text {Trem }}$ T1.6FTEs |  |  |  |  |  | 338.4FTES | ${ }^{312.10}{ }^{\text {a }}$ FTES |  |
| Supples \& Waleteras | ${ }_{\text {¢22 }}$ |  |  |  | $\underset{\substack{\text { che } \\ \$ 26.26864 \mathrm{~K}}}{ }$ |  | ${ }_{\text {S2 }}^{\text {S26.040 K K }}$ |  |  |  |  |  |  | ${ }_{\text {cosem }}^{50,24.500 \mathrm{~K}}$ | ${ }_{\text {cke }}^{\substack{\text { S9,077.442 K } \\ \$ 200260 \mathrm{~K}}}$ | \$1,137.059 K |
| Pruch Labor | ${ }_{\substack{\text { s7. } \\ 8157 \mathrm{~K}}}$ | ${ }_{\text {S }}{ }^{\text {S441.316 K }}$ | ${ }_{\text {S }}^{\text {S1,150.532 }}$ |  | ${ }_{\substack{\text { S481.031K } \\ \$ 43397 \mathrm{~K}}}$ |  | ${ }_{\text {c }}^{65.207 \mathrm{~K}}$ | ${ }_{\text {¢ }}^{\text {\$9.420 K }}$ |  |  |  |  |  | ${ }_{\text {\$2,988.612 K }}$ | ${ }_{\text {S2 } 2600.788 \mathrm{~K}}$ | ${ }_{\text {¢ } 2687.895 \mathrm{~K}}$ |
| M Machin Shop Labor |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ¢ | ( |
| PROCUREMENTS 5 S0K | \$22.433.413 K | \$18,688.388 K |  | \$2,787.955 K |  |  |  |  |  |  |  |  |  | \$45,979.826 K | \$46,284,042 K |  |
| Total | \$23,687.729 K | \$24,900.959 K | \$7,564.767 K | \$7,754.588 K | \$2,830.138 K |  | \$42.354 K | \$400.490 K | 50.316 K |  |  |  |  | \$67, 181.342 K | \$65,903.439 K | 1,27.903 K |
|  | FY 200409 | FY 2010 |  |  | ${ }_{8}^{\text {FY13 Actuals thru }}$ |  | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 |  |  |  |
|  |  |  |  | ¢55.599 K | ¢ ${ }_{\text {S6.243 }}^{\text {S }}$ |  |  |  |  |  |  |  |  | ¢ | ${ }_{\text {S18, }} \$ 888 \mathrm{~K}$ | ${ }_{\text {S6.243 K }}$ |
| Skilea Trades, Electical Elin | ${ }_{567 \mathrm{~K}}$ | ${ }_{\text {¢8737.643 K }}^{\text {S }}$ | \$1,292:285 K | ${ }_{\text {\$1,314.733 K }}$ | ${ }_{\text {S }}$ \$1,329.248 K |  | ${ }_{\substack{\text { S64.482 K }}}^{\substack{\text { St. } \\ \hline}}$ | ${ }_{\text {\$2822.856 K }}{ }^{5.15}$ | \$1.074 K |  |  |  |  | ${ }_{\text {S }}^{\text {S5,207. } 529 \mathrm{~K}}$ | ${ }_{\text {¢ }}^{6.5650 .5355 \mathrm{~K}}$ |  |
| Eleat Dsgn | \$1K | S47.772K | ${ }^{\text {S79.047 K }}$ | \$774.991 K | \$1611.288 K |  | \$13,113 K | ${ }_{\text {c }}^{\text {S64.609 K }}$ | ${ }_{\text {81.041 K }}$ |  |  |  |  | ${ }_{5442.628 \mathrm{~K}}$ | \$466.812 K | ${ }_{524.183 \mathrm{~K}}$ |
| Elect Tech | ¢ $\begin{gathered}\text { si1 K } \\ \$ 412 \mathrm{~K}\end{gathered}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Meech Dsgn | \$105 K | ${ }_{\$ 787.424 \mathrm{~K}}$ | ${ }_{\text {\$772, } 183 \mathrm{~K}}$ | \$505.945 K | ${ }_{\$ 335.399 \mathrm{~K}}$ |  | ${ }_{\text {¢ }}{ }_{\text {¢ }}$ | ${ }_{\$}^{\$ 16.484 \mathrm{~K}}$ |  |  |  |  |  | ¢ | ${ }_{\text {¢ }}{ }^{\text {¢ } 2,315.772 \mathrm{~K}}$ | ${ }_{\text {¢217.781 K }}$ |
| Meen Tech | S44K | ${ }_{\text {S655.375 K }}$ | ${ }_{\text {S }}$ \$2.503.215 K | ${ }_{\text {\$2, } 188.524 \mathrm{~K}}$ | ${ }_{\text {S2, }}$ \$211.898 K |  | \$167.738 K | ${ }_{\text {\% }}$ \$121.144 K |  |  |  |  |  | ${ }_{\text {s7, } 89.5925 \mathrm{~K}}$ | ${ }_{\text {¢7, }}^{\text {S }}$ /56.091 K | \$5335.434 K |
|  |  |  | ${ }_{\substack{\text { S } \\ \$ 820.063 \mathrm{~K}}}^{\text {K }}$ |  |  |  |  |  |  |  |  |  |  | \$1, |  |  |
| $\underset{\substack{\text { comp } \\ \text { Adimint }}}{\text { Amist }}$ |  | ${ }_{\text {S } 88.250 \mathrm{~K}}$ | \$1844.469 K | \$158.881 K | ${ }_{\text {S338.674K }}$ |  | \$62.212 K | \$179.865 K |  |  |  |  |  | \$1,007.352 K | \$1,039.922 K | ${ }_{\text {S32.570 K }}$ |
| Oftice | sok | ${ }_{\text {S3.203 K }}$ | \$10.944 K | ${ }_{\$ 22.396 \mathrm{~K}}$ | ${ }_{\$ 27.432 \mathrm{~K}}$ |  | \$0.059 K | \$0.589 K |  |  |  |  |  | ${ }_{\text {S }}^{\text {S64.9910 K }}$ | ${ }_{\text {¢ }}^{\text {s80.415 K }}$ |  |
| Etributed University Liabeor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Padad |  | \$18.245 K | \$12.509 K |  | \$4.869 K |  |  |  |  |  |  |  |  | 937.674 K |  |  |
| TOTAL WGEA | ${ }_{\substack{\text { S80 } \\ 5902 \mathrm{~K}}}^{\text {K }}$ |  |  |  | $\underset{\substack{\text { S7, } \\ \$ 8,245.0264 \mathrm{~K}}}{ }$ |  |  | ¢ | ${ }_{\substack{\text { S8. } \\ \$ 9.106 \mathrm{~K}}}^{\text {k }}$ |  |  |  |  |  | $\$ 28,251.326 \mathrm{~K}$ \$31,396.601 | 2,466.464 K |
| New Direct | \$24,498.409 K | \$2,989,794 K | \$16,089.318 K | \$15,033.195 K | \$10,20.151 K |  | ${ }_{5514.873 \mathrm{~K}}$ | \$1,559.945 K | \$8.447 K |  |  |  |  | \$97,899.132 K |  |  |
| Original Direct | \$24,498.409 K | \$29,989,994 K | \$16,089.318 K | \$15,033.195 K |  |  | \$8,122.670 K | \$421.379 K |  |  |  |  |  | \$94,154,765 K |  |  |
| Detta |  |  |  |  | \$10,205.151 K |  | -87,607.997 K | \$1,138.566 K | s8.447 K |  |  |  |  | \$3,74.367 K |  | \$3,744.367 K |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| New Burden | \$24,730.423 K | \$31,241.046 K | \$17,539.969 K | \$16,395.712 K | \$11,413.886 K |  | \$576.658 K | \$1,761.538 K | ร9.461 K |  |  |  |  | \$103,668.693 K |  |  |
| Original Burden | \$24,730.423 K | \$31,241.046 K | \$17,539.969 K | \$16,395.712 K |  |  | \$9,076.559 K | \$471.944 K |  |  |  |  |  | 999,45.654 K |  |  |
| Deta |  |  |  |  | \$11,413.886 K |  | -s,499.901 K | \$1,289.594 K | 99.461 K |  |  |  |  | \$4,213.039 K |  | \$4,213.039 K |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| New Escalated | \$24,73.423 K | \$31,241.046 | \$17,53.969 K | \$16,395.712 | \$11,413.886 K |  | 5576.658 K | \$1,821.599 K | \$10.074 K |  |  |  |  | \$103,72.327 K |  |  |
| Original Escalated | \$24,730.423 K | \$31,241.046 K | \$17,53.969 K | \$16,395.712 K |  |  | \$9,076.559 K | 5486.999 K |  |  |  |  |  | 599,470.709 K |  |  |
| Delta |  |  |  |  | \$11,413.886 K |  | -s8,499.901 K | \$1,334.560 K | \$10.074 K |  |  |  |  | \$4,258.619 K |  | \$4,25.619 K |

