HOLDERS OF PLANS AND SPECIFICATIONS:

UCSB Manzanita Village E-Key Project, Building Numbers 877-893
Project No. FM100369S/293-14
Addendum No. FOUR

July 30, 2010

Enclosed is ADDENDUM NO. FOUR to the Construction Documents on the above-captioned project.

Bid date is Thursday, August 5, 2010 at 2:30 PM to be held at:

CONTRACTING SERVICES
Facilities Management, Bldg. 439,
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

Anna Galanis
Director, Contracting Services
ADDENDUM NUMBER FOUR

to the

CONSTRUCTION DOCUMENTS
JULY 30, 2010

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. INFORMATION AVAILABLE TO BIDBERS

Item No. 
   1  Information Available to Bidders, ADD # 7 to read as follows:

   “7. Reports
   Rough estimate for current draw/battery requirement,
prepared by University of California Santa Barbara Housing
and Residential Services, dated July 27, 2010, attached, one
page.”

END OF ADDENDUM NO. FOUR
Rough estimate for current draw/battery requirement, prepared by University of California Santa Barbara Housing and Residential Services

The following information is the University’s understanding of the current conditions and can be used for informative purposes. It is the contractor's responsibility to meet the requirements of the contract documents."

The rough estimate for current draw/battery requirement.

9 doors:

<table>
<thead>
<tr>
<th>System components</th>
<th>Current requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ea. LNL-2220</td>
<td>.250</td>
</tr>
<tr>
<td>1 ea. LNL-1300</td>
<td>.110</td>
</tr>
<tr>
<td>3 ea. LNL-1320</td>
<td>.450</td>
</tr>
<tr>
<td>9 ea. HID # R10</td>
<td>.065</td>
</tr>
</tbody>
</table>

Total system current draw @ 12 vdc = 2.285
X 48 hours = 109.68 Amp

+ 9 ea. HES 9500 (.5 amp for 300 seconds) = 1.20 Amp Hours

For a total Battery capacity requirement of **110.88 Amp Hours**

The Lenel 6 amp power supplies have a battery current charging capacity of .7 amp. This may or may not charge 110 AH batteries, thus the Contractor may have to check with Lenel. If not, the Contractor should plan on using 2 power supplies and a battery box that will hold both batteries.

An alternative would be to use 6 LNL-1300s instead of 3 LNL-1320s. This would drop the system current draw by .680 amps and the battery requirement by 32.44 AH.

<table>
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<tr>
<td>9 ea. HID # R10</td>
<td>.065</td>
</tr>
</tbody>
</table>

Total system current draw @ 12 vdc = 1.605
X 48 hours = 77.04 Amp Hours

+ 9 ea. HES 9500 (.5 amp for 300 seconds) = 1.20 Amp Hours

For a total Battery capacity requirement of **78.24 Amp Hours**