Stanford Linear Accelerator Center
Request for Approval for Minor Construction Projects

A. Request Title:
   Project Manager:
   Affected Group:
   Project Location:

B. Project Description (attach drawings/pictures etc.)

C. Justification of Need:

D. Other:
   Utility impact? If yes, please complete the infrastructure project utility impact form.

   Related projects? If yes, describe relationship to this project.

E. Estimated Cost (in $1,000)

<table>
<thead>
<tr>
<th>FY__</th>
<th>FY__</th>
<th>FY__</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding</td>
<td>Funding</td>
<td>Funding</td>
<td>Funding</td>
</tr>
</tbody>
</table>
   1. Engineering, Design and Inspection |     |     |     |       |
   2. Construction |     |     |     |       |
   3. Procurement |     |     |     |       |
   4. Installation |     |     |     |       |
   5. Other (specify) |     |     |     |       |
   6. Contingency |     |     |     |       |
   7. Indirect charges (G&A) |     |     |     |       |
   8. Total |     |     |     |       |

F. Schedule

<table>
<thead>
<tr>
<th>Start</th>
<th>Complete</th>
</tr>
</thead>
</table>
   1. Engineering |       |
   2. Procurement |     |
   3. Construction |   |
   4. Testing |     |
   5. Beneficial use | |
   6. Project completion | |

G. Method of Accomplishment (Describe, if different then below)

   Engineering, design and inspection will be done by Site Engineering & Maintenance staff. Procurement and installation will be accomplished by competitive bid or SLAC labor service.

H. Source of Funds (GPP, Operating etc.)
<table>
<thead>
<tr>
<th>Approval: Department</th>
<th>Department Head</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Division</td>
<td>Associate Director</td>
<td>Date</td>
</tr>
<tr>
<td>Business Services Division</td>
<td>Finance/Budget Office</td>
<td>Date</td>
</tr>
</tbody>
</table>
Infrastructure Project Utility Impact

The following questions are intended to assist you in evaluating any potential impact your infrastructure project may have on site utilities. If you need additional assistance, contact Site Engineering & Maintenance (SEM) at x8901 or http://www-group.slac.stanford.edu/sem/nonsafety/default.htm.

1. What is the voltage, current and expected power factor required for equipment?
   What are the lighting and utility power requirements?

2. What are the cooling requirements?
   What type is required, cooling tower, LCW, chill water, or other?
   What is the temperature, pressure drop, heat to be dissipated, and flow?

3. Is HVAC required?

4. What fire protection is envisioned sprinklers and or alarms?

5. Is sanitary sewer required?

6. Conduit for controls, telephone, data.

7. What is the location and footprint to check for existing underground utilities at the construction site and to plan for storm drainage?

8. Is natural gas or other utilities required?