Facilities: Small Projects Group

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project Team</th>
<th>TEC ($k)</th>
<th>Costs To Date 10/28/11 ($k)</th>
<th>Contingency Balance ($k)</th>
<th>Status</th>
<th>Funds Type</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSDC/BRIC CHW Cross-Connection</td>
<td>H. Hiley, F&amp;F</td>
<td>$846</td>
<td>$241</td>
<td>$110</td>
<td>A&amp;F</td>
<td>IGPP</td>
<td>Offload SBB floors 3-6 to SDA chiller plant, optimize pumping and replace control system in SBB CHW system. Project value engineering design changes have been completed. The subcontractor is developing a revised cost proposal based on the revised design to let budget.</td>
</tr>
</tbody>
</table>

### Risks (Risks will evolve as projects mature and mitigations are enacted)

- **Risks:**
  - Unforeseen challenges due to weather conditions.
  - Design changes due to unforeseen conditions.
  - Equipment malfunctions.
  - Personnel issues.

- **Mitigations:**
  - Real-time monitoring and control systems.
  - Training and qualification of personnel.
  - Regular maintenance and inspections.

- **Overall Status:**
  - Proactive monitoring and control systems.
  - Full-scale testing and commissioning.

- **Potential Impacts:**
  - Delays in project completion.
  - Increased costs due to unforeseen conditions.
  - Reduced performance due to equipment malfunctions.

- **Recommended Actions:**
  - Regular maintenance and inspections.
  - Training and qualification of personnel.
  - Real-time monitoring and control systems.

- **Current Status:**
  - Project is on track with minor adjustments.
  - Monitoring systems are fully functional.
  - Personnel are trained and qualified.

- **Next Steps:**
  - Implement mitigation plans.
  - Conduct regular inspections.
  - Monitor equipment performance.

- **Notes:**
  - All risks and potential impacts have been identified.
  - Mitigation plans are in place.
  - Regular updates will be provided to stakeholders.

---

**Note:**

- The above information is based on the provided data and is subject to change as the project progresses.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project Team</th>
<th>TEC (K)</th>
<th>Costs To Date 10/31/11 (K)</th>
<th>Contingency Balance (K)</th>
<th>Status</th>
<th>Funds Type</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>RSCB-2275 UPS</td>
<td>$676</td>
<td>$676</td>
<td>$10</td>
<td>Construction Non-Compliance</td>
<td>Construction</td>
<td>Replace UPS systems and electrical service to Elet in room 2275. Project completion date is dependent upon two building outgoing required but not yet scheduled. Substantial completion forecast approximately 12/20/11. Critical Elet loads must be powered during electrical work to transfer power from old panels to new panels. Work will entail additional time and coordination. Recent changes have included seismic design and installation of bracing at cable trays, electrical panels and remote UPS.</td>
</tr>
<tr>
<td>3</td>
<td>D55 PET Scanner</td>
<td>$627</td>
<td>$627</td>
<td>$38</td>
<td>Construction Rejected</td>
<td>Royalty</td>
<td>Modify existing 1,000 SF space that currently contains a PET scan machine, to add a new PET Scanner and relocation of the existing control room. Work is to be complete, prior to arrival of PET Scanner on 01/14/12.</td>
</tr>
<tr>
<td>4</td>
<td>B2A ARRA (Phase 3)</td>
<td>$21,773</td>
<td>$21,773</td>
<td>$547</td>
<td>ARRA</td>
<td>Approximately 1,500 sf of General Purpose Laboratory space in B2A. Project is out for competitive bidding. Next, ARRA renovation is to begin renovations before Dec 24th. Current estimate to begin renovations is 12/22. Work to include utility isolation by LBNL.</td>
<td></td>
</tr>
</tbody>
</table>

### Risks (Risks will evolve as projects mature and mitigations are enacted)

- **Contaminant Response/Remediation:**
  - **Mitigation:** Address and correct deficiencies identified during pre-construction activities. Ensure all necessary permits are obtained and corrective actions are taken before work commences.

- **Schedule/Project Completion:**
  - **Mitigation:** Implement a comprehensive schedule management plan to ensure timely completion of all project activities.

- **Budget Overruns:**
  - **Mitigation:** Establish clear budget control measures and perform regular financial reviews to ensure adherence to the approved budget.

- **Existing Utility Interference:**
  - **Mitigation:** Coordinate with all affected utilities to minimize disruptions and ensure smooth project execution.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project Team</th>
<th>TEC (US$)</th>
<th>Costs To Date</th>
<th>Contingency Balance (US$)</th>
<th>Status</th>
<th>Funds Type</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>B71-117 Lab Construction</td>
<td>R. Hahn, PD; Andrew Last, PM; D. Shubak, CM; C. Slepian, PC</td>
<td>$620</td>
<td>$391</td>
<td>$20</td>
<td>Construction</td>
<td>IOPP</td>
<td>Improve B71-117 to provide space for electrical shop assembly and meec, staging. The project is substantially completed, sealing the floor is the last item.</td>
</tr>
<tr>
<td>LINL H55 Gates Technology</td>
<td>K. Varley, PD; J. White, PM; C. Park, PC</td>
<td>$500</td>
<td>$180</td>
<td>$40</td>
<td>Requirements, Identification and Validation</td>
<td>Multi</td>
<td>Schematics. Design is underway. The site has been surveyed for underground utilities and topography. The traffic survey is 90% complete. Determining the type and manufacturer of the Grizzly Gate is underway. The Concept of Operations draft is currently being developed.</td>
</tr>
</tbody>
</table>

**Risks (Risks will evolve as projects mature and mitigations are enacted):**

- **B71-117 Lab Construction**: Integration Problems Software
- **LINL H55 Gates Technology**: Additional access requirements for additional/multi-emergency vehicles
- **LINL H55 Gates Technology**: Discrepancies/Conflicts between multiple A/E & Consultants
- **LINL H55 Gates Technology**: CoD does not work with design and policy
- **LINL H55 Gates Technology**: Overtime/off hours work not originally estimated
- **LINL H55 Gates Technology**: Additional time for PM due to additional coordination

**NOTES:**

- TEC: Total Cost.
- PD - Project Director; PM - Project Mgr; CM - Construction Mgr; PC - Project Coordinator
- Costs - Actual costs expended as of month end noted (includes fees).