

**Work Package: Detectors and Cold Electronics SPIRE-JPL-REP-001204**

<b>1. Subsystem Progress Since Project Inception</b>		
Subsystem has progressed through the CDR stage successfully this summer. We have received approval for moving forward into the implementation phase. Action items from the CDR will be addressed individually and closed out thorough memos distributed to the originators and the project files. Budget approval at the allocation level for FY '02-FY '04. In addition, approximately \$820K in additional funds to cover liens has been rolled into the budget for FY '02. This still leaves a deficit for cost to complete, however. (See below).		
<b>2. Subsystem Progress This Month</b>		
All BDA suspension system hardware procured, received and inspected. Design for detector supporting hardware to be used to mount bolometers at rear of BDA completed. Bids being prepared for fabrication of these components. Microdevices Laboratory bolometer fabrication has begun for the CQM, QM and backup PFM and FS. This run should be completed by March for integration into the CQM and QM BDAs.		
<b>3. Problem Areas</b>		<b>Remedial Action</b>
Primarily in the area of budget and schedule. Estimates for the completion of the baseline plan are \$1.1 Million over on a \$3.7 Million budget for FY '02. Changes in the plan are under review to address this problem with the goal being no change to the signed Business Agreement.		We wish to have a set of signed work agreements with the principal work elements by the beginning of January.
<b>4. Engineering Activities</b>		
See above.		
<b>5. Design Changes</b>		
We have proposed a change to the RF filter hardware. The ICD is nearly complete. The scope of the filter deliverables would be limited to the RF filter connector assemblies that would then be integrated into a filter connector box provided by the Instrument.		
<b>6. PA/QA Activities</b>		
All MDL QA process documentation (called AIDS and Procedures) are finished and signed off. The BDA metal assembly QA documentation is being written in preparation for assembly. Inspection Reports (IR's) are being written against parts that are being received against controlled "x" level drawings. These will be closed soon by the release of the drawings and inspection against the controlled documentation.		
<b>7. Subsystem Management Issues</b>		
None		
<b>8. Actions Requiring Immediate Attention</b>		
None		
<b>9. Status of Previous Actions</b>		
None		
<b>10. Activities Yet to be Achieved</b>		
Achieved all that were planned for the month.		
<b>11. Milestones</b>		<b>Status</b>
March 1, 02	QM BDA Assembled	
<b>13. Schedule Changes</b>		
Pending with objective being no changes to delivery schedule.		