**OSG Software – June 2011 – May 2012**

This is a draft sufficient for writing the statements of work. My assumption is that it will be updated in consultation with the executive team and area coordinators during our yearly planning meeting.

Work Plan

1. Respond to stakeholder requests for new and upgraded software. (Ongoing, everyone)
2. Provide bug fixes in a timely fashion (Ongoing, everyone)
3. Maintain and improve documentation (Ongoing, everyone)
4. Provide timely user support (Ongoing, everyone)
5. Testing
   1. Expand test suite coverage (Ongoing, everyone)
   2. Oversee and maintain the integration testbed (Ongoing, Thapa)
   3. Improve test harness driver (Cartwright, August)
   4. Improve control over sequencing of tests (Cartwright, December)
6. Evaluations (Ongoing, Sfiligoi) Evaluations are as-needed and likely include:
   1. Condor 7.8.x readiness
   2. BOSCO v1 and v2 readiness
   3. Bestman with SHA-2 support readiness
   4. GlideinWMS, evaluate readiness of new versions
   5. Others, TBD
7. Upgrade to HDFS 0.2.3 for CMS. (Strain/Sharma, August: test release, December, final release)
8. Add CVMFS client (TBD, June)
9. Add Pakiti (TBD, August)
10. Campus Grid support:
    1. Update to Condor 7.8.x (Selmeci, June)
    2. Add BOSCO v1 (Selmeci, June)
    3. Update to BOSCO v2 (TBD, December?)
11. Add DigiCert command-line tools (TBD, August)
12. Based on Technology Group’s recommendations in June, post-GRAM work (TBD, March 2013?)
13. Non-RPM worker node
    1. Draft plan for non-RPM worker node (Roy, July)
    2. Implement non-RPM worker node (TBD, TBD—based on a)
14. SHA-2 transition
    1. Complete testing of non-Bestman software (TBD, July)
    2. Update Bestman to work with SHA-2 (Sharma/Strain, December)
15. Configuration management
    1. Write proposal for alternative configuration management (Cartwright, September)
    2. Expand work plan appropriately (Roy, September)