

## **EXHIBIT G**

### HARDWARE, SOFTWARE, AND DATA PROCESSING PROCEDURES 2013

#### **I. PERSONAL DATA RECORDER:**

The Contractor shall provide a Personal Data Recorder (PDR) that meets the following specifications:

- Juniper Systems Allegro CE/CX/MX minimum of 128M RAM/512M storage
- This PDR is required as data collection software was designed to run on this specific machine. Other makes or models may not perform as intended.
- It is anticipated over the life of this contract some changes in data editing software may be made. As such changes are required, upgrades will be provided by the Government.

#### **II. PERSONAL COMPUTER/LAPTOP:**

The Contractor shall provide a personal computer with the following specifications and software:

- Windows XP or Windows 7 operating system,
- Microsoft .Net 3.5 Framework SP 1,
- Java Version 6 or later,
- Microsoft Office 2010 (32-bit only),
- Adobe Reader 10.1.2 or later.

Install programs for Midas supporting software will be distributed via an FTP site, at the contractor orientation session, or compact discs (CD). Updates to the system will be distributed through a central Midas website with a username and password login for each contractor. The website will be used to retrieve plot files and to submit completed plots. Contractor shall have high-speed internet connections available to their crews. Dial-up internet connections are not acceptable.

#### **III. DATA PROCESSING PROCEDURES:**

- 1) Data Recorder Software - The contractor shall use the Government-provided data recorder software to enter and edit the data. The Contractor shall download or receive the latest version of historical data files before starting the plot. The Contractor shall resolve all errors/omissions determined by the data recorder subplot and plot edit applications prior to uploading the plot to the server, and, prior to submitting the plot electronic files in the directed format for payment.
- 2) Software Updates - The software may be updated during the course of the field season. Contractors shall login to the National Midas website and receive updates before editing,

processing with FDM, and sending the plots in for completion/payment. Field data recorders shall be updated at this time for collecting future plot data.

- 3) Plot Editing Tools/Field Data Manager (FDM) - The contractor shall use the latest MidasMobile software to edit each plot. Contractors must either; update the data where possible using the MIDAS Mobile program to resolve the errors and warnings, or enter a *detailed* explanation for each critical warning in the provided form of the FDM application. The Contractor shall resolve all errors and explain all critical warnings prior to submitting the plot for payment. Once all of the errors have been resolved and all critical warnings have a sufficiently logical written explanation, the Contractor shall provide a Midas check explanation report electronic file with each plot.

#### **IV. COMPLETED ELECTRONIC DATA SUBMISSION FOR EACH PLOT:**

A *Current Survey Folder* for each plot shall be submitted with the following contents:

- 1) The *Image* subfolder: updated Plot image file as <PlotNr>.jpg format,
- 2) The *Header* subfolder: updated Header Card sheet as <PlotNr>.docx.
- 3) The *Edit* subfolder :

Plot Data –a .pdf formatted electronic file of the successfully uploaded plot data shall submitted with each plot.

Plot Edit Sheet - an electronic Plot Edit Sheet shall be filled out and submitted with each plot.

Boundary Data– the Boundary Viewer .jpg file of the condition class boundaries shall be submitted with each plot.

Tally Tree Height/DBH Graph– the .pdf file of the tally tree dbh/height diagram shall be submitted with each plot.

FDM explanation files- a (.xlsx) formatted electronic file of the completed explanation (EXP) file shall be submitted with each plot.