

II. Scope of Work

Design Systems, Inc. has included the following items as part of this scope of work.

1. Data Gathering and Scanning prior to new equipment installation
 - 1.1. Project Initiation
 - 1.1.1. Project kick-off meeting and line up with Customer.
 - 1.1.2. Review current layout and discuss data capturing strategy.
 - 1.2. Two (2) scanners and one (1) surveyor (3 people total) will travel to the plant.
 - 1.3. Conduct a meeting with the plant personnel to review scanning approach and area access.
 - 1.4. Locate survey targets and set coordinate system using our Total Station equipment.
 - 1.5. Scan, in color, the paint shop area using medium definition setting.
 - 1.6. Data Set Registration and Processing
 - 1.6.1. Register point cloud data and survey data to create point clouds of the scanned area
 - 1.6.2. Align data set to the plant layout origin
 - 1.6.3. Create RCS and POD files for use in AutoCAD and Microstation
 - 1.6.4. Create WebShare 2go files
 - 1.6.5. Prepare and submit to Customer four (4) external hard drives with the data as outlined above.

III. Deliverables

Deliverables for each data set, pre and post installation, to include:

1. Laser Scan Data
 - 1.1. WebShare 2go 360-degree color photo files.
 - 1.2. RCS and POD extension files for use with CAD programs for engineering.
 - 1.3. Point Cloud grid in AutoCAD 2D calling out the point cloud slice locations.

