

646-403395/1525016

SNAP Requisition Numbers: _____

ITB Number: _____

Color System for Scanning, Copying, and Printing Wide Format Documents

Print Engine

- Color toner wide format system
- Must print any width up to and including 42.0"
- Maximum throughput of 1,400 square feet per hour
- 6 on-line media rolls should be available
 - System to automatically select best roll and rotation for document size
 - System to accommodate both 2" and 3" media core sizes
 - System to accommodate media roll length up to 650'
- System should be able to support multiple media types including: bond, recycled bond, polyester films, translucent bond, and vellum.
- All output, regardless of application or media used, should be output dry and ready for use
- Top delivery tray capable of neatly stacking and collating at least 100 D-size color prints
- Must print HPGL, HPGL/2, TIFF, JPEG, and PS3/PDF files from network drivers or print submission tools
- Addressable raster: 600 dpi
- Must have 3 quality modes (economy, production, presentation)
 - Printer must be able to automatically select print quality mode based on the optimal balance between quality and productivity per file
- Must offer a range of color management settings
- Web-based utility for changing preferences, managing queue, and print submission
- Must have the ability to monitor toner levels via:
 - Visual monitoring through cartridges
 - Operator panel
 - Remote client software
- Client-based print submission software for individual and set printing which displays preview of how each document will be printed on the media loaded, and tools to change orientation, margins, and size of the print
- EnergyStar® compliant with use of standard 115V power outlet

Scanner

- Auto width detection - scan/copy up to 36" wide and 72' long - color, grayscale, or B&W documents
- Scale to standard format and custom scale 10% to 1000%
- Scan-to-file in TIFF, PDF, PDF/A, JPEG, CALS, multi-page TIFF, multi-page PDF/A formats
- Scan-to-file at 72, 100, 200, 300, 400, or 600 dpi
- Speed of up to 3.3" /sec (B&W) and 2.8" /sec (Color)
- Scanner must allow scanning to embedded controller or remote destination
- Preset modes - Lines & text, Map, Artwork, Photo, Grays & lines, Dark original, Blueprint
- Templates - 5 standard copy and 5 standard scan - accessible from the display panel. These should be customizable.

Controller

- Must allow for the quick processing of large and complex files. Must handle file spooling on the controller itself, rather than on local workstations
- Connection to network via Ethernet 100 MB/sec., 1GB/sec. and TCP/IP protocol
- Hard disk capacity required: 2 x 500GB
- Controller must allow from Web-based utility:
 - Prioritizing of jobs (active queue)
 - Re-printing of recently printed files (history queue)
- Ability to enable electronic file shredding (compliant with the DoD 522-22M standard) to permanently remove all traces of deleted jobs on the controller

Drivers and Application Software

- Windows drivers must be Microsoft-certified supporting
 - Windows XP (32 and 64 bits)
 - Windows Vista (32 and 64 bits)
 - Windows 7 (32 and 64 bits)
- PDF driver must be Adobe-certified supporting
 - Windows XP (32 and 64 bits)
 - Windows Vista (32 and 64 bits)
 - Windows 7 (32 and 64 bits)
- System must include additional Web and Client Submission Software for collated sets of drawings to be printed directly to the print engine
 - Windows XP (32 and 64 bits)
 - Windows Vista (32 and 64 bits)
 - Windows 7 (32 and 64 bits)
- Must be able to print from Microstation and Iplot.

Equipment Installation, Networking, and Training

- System hardware must be installed by vendor's certified service technician
- Network connection and software installation assistance must be provided by vendor's Professional Systems Consultant and Trainer – including:
 - Setup pre-assigned or DHCP-enabled TCP/IP address, subnet mask, and gateway
 - Load Windows Driver and PostScript Drivers
 - Load Client Software on at least one client workstation and demonstrate how to load on additional workstations
 - Full key operator training must be performed

Other Specifications

- Total Satisfaction Guarantee
- 90 day warranty plus one year maintenance contract which includes equipment and full service maintenance (parts, labor, and travel), 120,000 sq ft/yr and 24 toner cartridges per year
- Service for all components of configured system must be provided by the vendor
- Manufacturer's Professional Help Desk support – at least 2 incidents per year
- Access to manufacturer's on-line knowledge base
- Access to firmware updates providing feature enhancements when under service contract