

## **Specification for Multi-Function Wide Format Monochrome Printer System and A Wide Format Color Ink Jet Plotter**

### **Compatibility**

Wide Format Print System / Color Plotter / Server to be directly compatible with Intergraph's I-Plot Software with Direct Machine Drives available from Intergraph's InterPlot System, which address machine specific features and allows users to access machine from their PC.

### **General Requirements**

- 1) **New Equipment Only!!**
- 2) Price to include quarterly rental of Wide Format Monochrome Print System; 20,000 sq. ft.; maintenance, all service calls, parts, labor, toner, developer, and consumables (except paper).  
Price also to include quarterly rental of 36" Wide Color Ink Jet Plotter, maintenance, all services calls, parts and labor, but not consumables.

### **Service Requirements**

- 1) Service Representative must be full-time employees of the bidder or designated by the bidder as a full-time authorized representative.
- 2) Service must be made available during normal working hours (8:00 AM to 4:30 PM), Monday through Friday, except National holidays.
- 3) On-site response time of no more than four (4) working hours after agency notification.
- 4) All additional service calls between inspections shall be made at no charge.
- 5) Preventative / Scheduled maintenance must be based on the Manufacturer's maintenance schedule and guidelines.

### **Operator Training**

- 1) The Vendor / Contractor shall provide, at no additional cost, materials and instructions for the training of users to insure efficient application and use. This instruction is to be performed at the TDOT installation site.
- 2) Training is to be conducted at a time mutually agreed upon by the vendor and TDOT.
- 3) Only one (1) free training session is required.

## **Specification for Wide Format Monochrome Print System**

- 1) Up to 400 DPI scanning.
- 2) Ability to scan minimum 8" wide by maximum 19.7' long.
- 3) Ability to print check print at the same time scan is made.
- 4) Closed toner system.
- 5) Scanner feed must be face down and right aligned.
- 6) Automatic size detection.
- 7) Preset scanning modes for lines and text, photo, grays and lines, dark original, blueprint, and printed matter.
- 8) Ability to copy monochrome to sizes from 25% of scale to 400% with one touch.
- 9) Ability to copy (scan) size for size directly to printer with one touch.
- 10) Job templates for recalling four (4) user-defined scanner templates for copying and four (4) user-defined scanner templates for scan-to-file.
- 11) Scan directly to up to ten (10) network or FTP destinations.
- 12) Scan to file from scanner panel, scan directly to these preset destinations.
- 13) Ability to overwrite/change existing file names at point of scanning using graphical user interface.
- 14) Scan PDF, TIFF, and JPG Black & White formats with option for best quality or best file size.
- 15) Optimal scan quality on all types originals.
- 16) Ability to view scans from graphical user interface.

### **Printer with Controller**

- 1) Print system capable of printing approximately 9 D-size / 60 Sec in Black and White. Color plotter capable of printing a "D" size in 21 seconds.
- 2) 600 DPI printing in Black and White, Grayscale.
- 3) Must have one (1) mode with dynamic switching (automatic selection of best print strategy) four (4) rolls media on line minimum.
- 4) Automatic roll selection.
- 5) Energy Star compliant.
- 6) Controller must be Windows 7 with Windows 7 Security levels. .
- 7) Standard Ethernet 100 MBITS/S, RJ45 and TCP/IP Protocol.
- 8) Must have at least 1 GB Memory and 80 GB Hard Disk capacity.
- 9) Remote logic software for queue management, system status, and settings editor.
- 10) Must print PS3/PDF, HPGL, HPGL/2, HP-RTL, TIFF, C4 and files from Windows applications (viewers) and through job ticketing software (comparable to Print Exec LT or Publisher Select).
- 11) Must print from I-Plot driver or with Raster Office pack.
- 12) Multiple prints up to 999.
- 13) File spooling on the controller, not on local workstations.
- 14) Concurrent receiving/processing/printing/copying/scanning.
- 15) Job interrupt.
- 16) Reprint from history queue.

## **Specification for Wide Format Color Ink Jet Plotter**

- 1) 36" Wide Color Ink Jet Plotter.
- 2) Prints a "D" size in 21 seconds.
- 3) 320 GB Hard Drive.
- 4) Stand, print head, flat stacker/basket.
- 5) Direct print and share.
- 6) ImagePROGRAF Printer Drive for Windows/MAC, Direct Print & Share, Status Monitor for Windows
- 7) Operating System: Windows 7 & 8, Windows Vista, Windows XP, Macintosh, Print Plug-in for Microsoft Office.
- 8) Maintenance kit and starter inks.
- 9) Delivery, Freight, Installation, and Training.

### **Drivers and Application Software**

- 1) Microsoft Certified Windows Print Driver.
- 2) Adobe Certified Postscript Driver.
- 3) Client Job Submission Software which allows collated sets of drawings to be printed directly to the print engine and not through drivers.
- 4) Remote Software for viewing and/or managing controller's active print queue, history queue, scan jobs, scanner templates, system status, system preferences, and network configuration.

### **Network Connection Assistance, Equipment Setup, and Training**

- 1) Installation of hardware by vendor's service technician.
- 2) Vendor-Authorized Analyst who will assist with connection and services to the printer including:
  - \* Setup of pre-assigned or DHCP-enabled TCP/IP address, subnet mask, and gateway ping printer from Client workstation.
  - \* Load Windows driver and Postscript driver on at least one (1) client workstation and demonstrate how to load on additional workstations.
  - \* Load Client software on at least one (1) Client workstation and demonstrate how to load on additional workstations.
  - \* Load Remote Controller software on at least one (1) Client workstation and demonstrate how to load additional workstations.
  - \* Set up scanning on controller and to customer-designated scan destinations.
  - \* Full key operator training on copying, scanning, and plotting functions.

### **Acceptable Brands and Models:**

KIP 7770 Multi-Function Copy-Print System plus Canon IPF785 Wide Format Color Ink Jet Printer

Oce' PlotWave 500 plus Canon IPF785 Wide Format Color Ink Jet Printer

## General Maintenance Requirements

1. On-Site Maintenance to consist of: cleaning, oiling (if needed), adjusting and replacing parts when needed.
2. All parts (except consumables) shall be replaced at no charge.
3. The contractor shall perform preventative maintenance inspections during the contract period per manufacturer's recommendation at no additional charge.
4. All additional service calls between inspections shall be made at no charge. These calls shall be coordinated with the agency.
5. The contractor shall perform all service calls within four (4) working hours after the agency request. The copier must be in working order within a period of eight (8) hours.
6. Maintenance, when requested, must be performed during the state's normal business hours (8:00 AM to 4:30PM, Monday through Friday, excluding legal holidays).
7. The State of Tennessee will not pay the contractor for overtime after the State's normal working hours.
8. The State of Tennessee will not pay the contractor for any travel expenses incurred.
9. The awarded vendor shall be factory authorized and trained on the equipment listed in this requisition. At the State's request, the vendor may be required to furnish evidence of factory certification. Equipment shall be maintained in accordance with the factory.