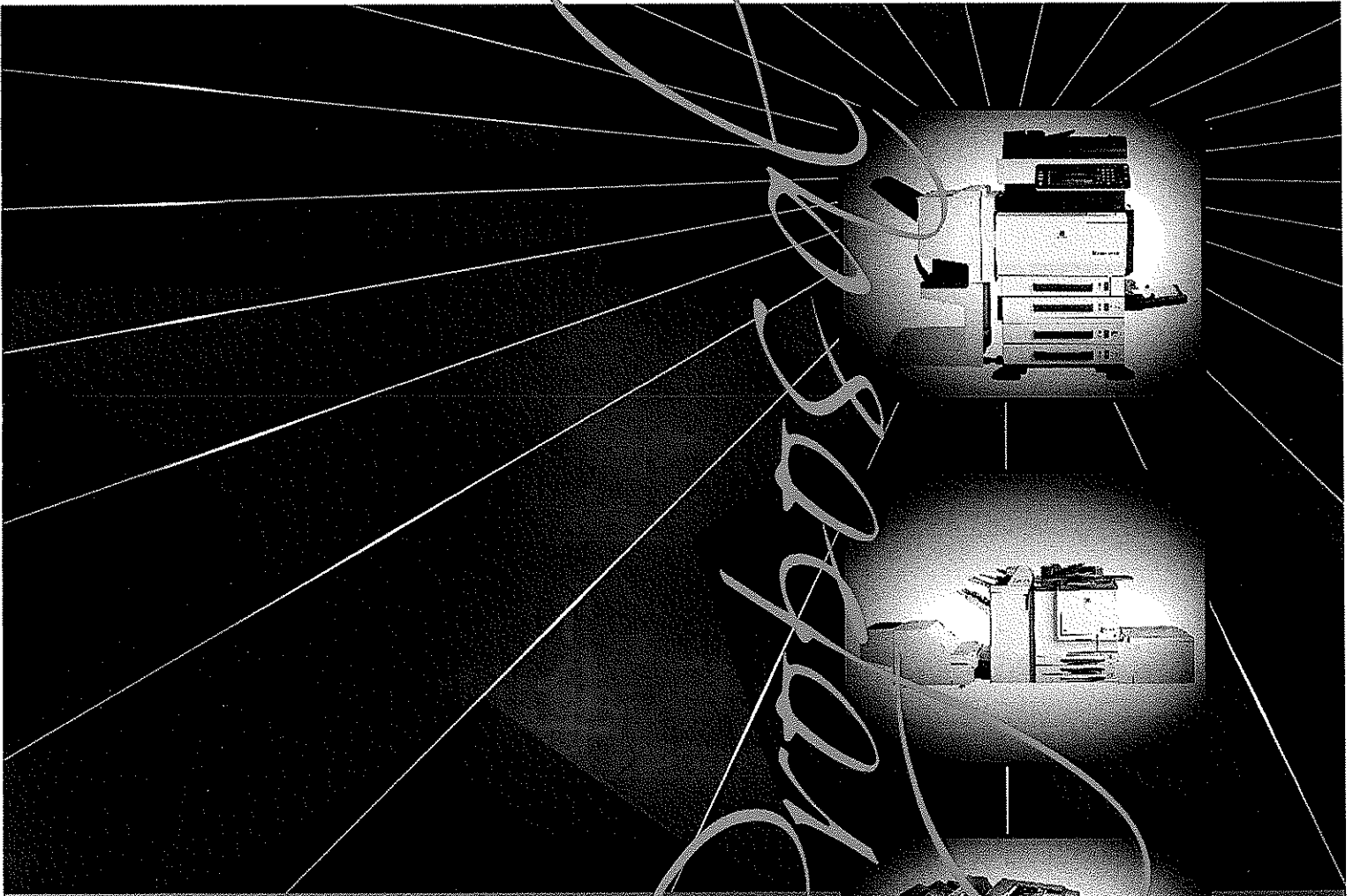


KONICA MINOLTA

KOMAX

Business Systems



RFQ# 639000019
November 26, 2008
Michael Austin

RECEIVED
08 NOV 26 PM 1:13
PURCHASING DIVISION
STATE OF WV



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
63900019

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**MICHAEL AUSTIN
 304-558-2402**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF HIGHWAYS
 CHIEF OF INFORMATION SYSTEMS
 BUILDING 5
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0430 304-558-0408**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/10/2008				

BID OPENING DATE: **11/26/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	11	EA		938-31		
<p>ENGINEERING PRINTING SYSTEM/WITH MAINTENANCE & TRAIN</p> <p>TO PROVIDE ELEVEN (11) ENGINEERING PRINTING SYSTEMS AND ONE (1) WIDE FORMAT SCANNER THAT WILL INCLUDE INSTALLATION, MAINTENANCE AND TRAINING FOR THE WEST VIRGINIA DIVISION OF HIGHWAYS PER THE ATTACHED SPECIFICATIONS.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 744-7440	DATE 11/26/08
TITLE State Contract Specialist 550767809		ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER:
639000019

PAGE:
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
**MICHAEL AUSTIN
 304-558-2402**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

**DIVISION OF HIGHWAYS
 CHIEF OF INFORMATION SYSTEMS
 BUILDING 5
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0430 304-558-0408**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/10/2008				

BID OPENING DATE: **11/26/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 33</p> <p>RFQ. NO.: 639000019</p> <p>BID OPENING DATE: 11/26/08</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- 744-7450 -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): ----- DAVID Humphrey -----</p> <p>***** THIS IS THE END OF RFQ 639000019 ***** TOTAL: <u>\$285,060.00</u></p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Bob Maxwell</i>	TELEPHONE 304-744-7440	DATE 11/26/08
TITLE GENERAL MANAGER	FEIN 550767809	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

1) Description of Needs:

The West Virginia Department of Transportation, Division of Highways (WVDOH) is releasing this Request for Quotation (RFQ) for the acquisition, installation, and maintenance of eleven new Engineering Printing Systems, and one wide format Scanner. One of the systems will be placed in the WVDOH Materials Division, the remaining ten systems will be placed in each of the ten WVDOH District Headquarters, and the one wide format Scanner is to be setup and installed at the WVDOH Headquarters Building (see Attachment 2 for location and contact person data).

1.1) General Description of the Engineering Digital Printing System:

In brief, each printing system is to consist of (see Attachment 3):

- One color plotter that can accommodate media that is up to 36 inches wide, and
- One toner based monochrome plotter that can accommodate media that is up to 36 inches wide, and
- One scanner that can accommodate media that is up to 36 inches wide, and the scanner shall be able to make color and monochrome scans and copies, and a
- Controller unit that is well integrated with the color plotter, the monochrome plotter, and the scanner.
- One year of maintenance is to be included with each system.

1.2) General Description of the Scanner for the WVDOH Headquarters Building:

The Headquarters Building is already well served by an Engineering Digital Printing System, therefore a full scale printing system is not required at this location. However, this location does need a wide format Scanner that can interface with the WVDOH computer network, can produce color and monochrome scans, and then place the scan files on an FTP site or a Shared Drive for later retrieval and/or printing.

1.3) Installation Requirements of each system:

All of the systems are to be delivered, installed, set-up, tested, and fully functional within 45 days after bidder has received the order. One day of operator training is to be included in the quoted price and is to be provided at each installation location.

All items are to be delivered freight prepaid to each of the twelve locations specified by the WVDOH (see attached list). The Vendor shall provide a minimum two day notice of equipment delivery, with the delivery being made to an inside office location. The Vendor is responsible for the installation, set-up and removal/disposal of packing materials. The Vendor has the option of removing the trade-in equipment or not taking possession of it (see Attachment 1 and Attachment 2).

1.4) Award process:

Award shall be based on the lowest bid meeting the specifications for the Engineering Digital Printing System RFQ. The award shall be made to a single vendor who provides an integrated solution featuring a Color Plotter, a Monochrome Plotter, a Scanner capable of producing both Color and Monochrome Scans, and a Controller Unit that electronically links all of the various components. Components from multiple manufacturers will not be considered.

Currently, the ten WVDOH District Offices are using the Xerox 8825 Scanner/Plotter unit for working with large format documents (see Attachment 2 for locations and serial numbers), therefore WVDOH also requests a trade-in price from each vendor participating in this RFQ.

This RFQ is to include one year maintenance, with the option of an additional two consecutive years of maintenance renewal. All maintenance costs will be billed in arrears.

The quote shall be all-inclusive. No separate reimbursement will be made to the vendor for travel or other expenses.

Upon payment in whole, all right, title and interest to the equipment shall transfer to WVDOH.

2) Below are the specific requirements for each of the major components in the Digital Printing System.

2.1) Minimum Specifications for the Color Plotter (Oce` TCS500 or equal with the following features):

- Ability to produce Color and Monochrome prints.
- Ability to produce prints while the ink cartridges are being changed.
- Ability to produce prints while the media is being changed.
- Printer resolution of 600 dpi.
- Have at least three different Quality Modes (i.e., Low, Medium, and High).
- Allow the User to define the Quality Mode.
- Have the plotter automatically be able to change the quality mode as necessary to produce prints of high quality but that minimize ink usage.
- Produce one, color, "E" size print per 60 seconds.
- Produce one, Monochrome, "E" size drawing per 40 seconds.
- Be equipped with Two Rolls.
- Have the option to later upgrade the plotter with a Third Roll.
- Ability to switch rolls manually and/or automatically.
- Roll media widths from 11.5 inches to 36 inches.
- Print documents that are 8 inches to 120 inches long.
- Maximum roll length of 300 feet.
- Print to Bond, Vellum, and Mylar media.
- Ability to define what media is being used in each roll.
- Have the prints cut to size according to a Standard size (i.e., ANSI or ARCH), or have the prints cut according to the size of the print, or have the prints cut by a User defined size.
- Have a display monitor that can show the percentage of ink level.
- Have a display monitor that provides an out of ink signal.
- Use standard 120 VAC, 60Hz power.
- Have the "Energy Star" rating.

2.2) Minimum Specifications for the Monochrome Plotter (Oce` TDS450 or equal with the following features):

- Uses Toner Based Monochrome system for producing the prints.
- Printer resolution of 600 dpi.
- Ability to print ten linear feet per minute, or produce two "E" size Monochrome prints per minute in all print modes.
- Two Rolls of Media.
- Have a Manual Media Feed tray.
- Allow the User to select either Manual Feed or Roll Feed media.
- Roll media widths from 11.5 inches to 36 inches.
- Print documents that are 8 inches to 120 inches long.
- Roll length of up to 500 feet.
- Print to Bond, Vellum, and Mylar media.
- Ability to define what media is being used in each roll.

- Have the prints cut to size according to a Standard size (i.e., ANSI or ARCH), or have the prints cut according to the size of the print, or have the prints cut by a User defined size.
- Uses instant on technology so that there is no warm-up time.
- Use standard 120 VAC, 60Hz power.
- Have the "Energy Star" rating.

2.3) Minimum Scanner Specifications:

- Ability to properly interface with the WVDOH computer network.
- Ability to place scanned files on an FTP site or a Shared Drive of a server.
- Ability to produce Color or Monochrome scans.
- Produce scanned files in 'tiff' and 'pdf' format.
- Adjustable scanner resolution with a maximum of 600 dpi.
- Scan documents that contain lines and text, blueprints, dark originals, photographs, or transparent documents.
- Scan documents 8 inches wide to 36 inches wide.
- Scan documents that are 8 inches to 120 inches long.
- Automatic exposure adjustment.
- Note 1: in the case of the ten WVDOH District Offices and the Materials Division, the Scanner will need to be electronically connected to the Controller Unit (see paragraph 2.6) in order to electronically retrieve scanned documents and/or make copies of them.
- Note 2: in the case of the one Scanner which will be installed at the WVDOH Headquarters Building, the Scanner will need to be electronically connected with the WVDOH computer network in order to retrieve scanned documents and/or make copies of them.
- Use standard 120 VAC, 60Hz power.

2.4) Minimum Controller Specifications:

- Make copies (1 to 999) from a single scan.
- Make copies (1 to 999) from a scan set.
- Allow the User to define the input mode of documents to be copied (Single, Collated Set, or Multiple Sheets).
- Allow the User to define the Zoom setting (10% to 1000%) so that documents can be made larger or smaller as needed.
- Allow the User to define the Exposure setting so that documents can be made lighter or darker as needed.
- Allow the User to define the Media to be used when making copies (Roll 1, Roll 2, or Manual Feed).
- Produce image files (TIFF, PDF, and CALS formats) from scans.
- Support the following file formats: HPGL, HPGL2, HPRTL, TIFF 6.0, and PostScript.
- Produce prints while documents are being scanned.
- Automatically rotate documents when the scan width is larger than the media width.
- Automatically provide each scanned document with a unique name.
- Job Queuing.
- Electronically Collate Job Sets.
- Have a Bentley InterPlot Driver available.
- Print Management Tools.
- Document Submission Tools.
- Document Retrieval Tools.
- 1.0 GB of Memory.
- A Hard Disk Capacity of 80 GB so that Jobs can be stored and reprinted later.
- Ethernet Interface 100/10 Mbits/s with RJ45 Connection.

- Embedded Windows/XP Controller Software.
 - Be able to simultaneously Print, Copy, and Scan.
 - Support the TCP/IP FTP, and Novell (IPX/SPX) Network Protocols.
 - Provide Automatic Roll Selection and Roll Switching.
- 3) Other requirements of the contract.
- 3.1) Start up supplies for each of the eleven systems:
- One box of Toner for the Monochrome Plotter,
 - One box of Color Cartridges for the Color Plotter,
 - One roll of Paper media (150' X 34") for the Monochrome Plotter, and
 - One roll of Paper media (150' X 34") for the Color Plotter.
 - One copy of the User Manual and other product documentation (either printed or 'pdf' format is acceptable).
 - Note: since a full system will not be installed at the Headquarters Building, this location does not require media, or toner, or cartridges. However, this location will require a copy of the User Manual and other documentation for the scanner which will be installed there, additionally this location does require a copy of the Digital Engineering Printing System User Manual and other product documentation.
- 3.2) Maintenance Requirements:
- Onsite maintenance of the equipment.
 - Four (4) hour call back response to the initial problem report.
 - One (1) business day of onsite response time which shall be calculated from the time of the initial problem report.
 - One (1) year of maintenance for the eleven printing systems and the one scanner is to be included in the quote.
 - The quote shall also include two one-year consecutive maintenance renewal options. Vendor shall quote price for each year. All maintenance costs to be billed in arrears.
- 3.3) Maintenance shall include:
- Preventive maintenance as required;
 - Preventive maintenance calls necessary to maintain the equipment within the original specifications;
 - Replacement parts at no additional charge including drums;
 - Travel and other expenses involved in completing maintenance;
 - Any part replacement is made with Original Equipment Manufacture (OEM) Parts.
- 3.4) Training:
- Onsite training on the use of the new equipment is to be provided at each District Office location, at the Materials Division Office, and at the Headquarters Building.
 - At least two hours of training is to be provided at each location.
 - The training is to include telling and showing the Users how the new equipment is used.
 - The training is to include telling and showing the Users how to load and change media.
 - The training is to include telling and showing the Users how to load Toner in the Monochrome Plotter.
 - The training is to include telling and showing the Users how to install the Ink Cartridges in the Color Plotter.

- The training is to include providing at least one User Manual for each of the 11 systems, and the Scanner unit which is to be installed at the Headquarters Building. Either a printed manual or a manual in 'pdf' format is acceptable.
 - Note: User training for the Scanner unit which will be installed at the Headquarters Building will also be required, but not training in how to change media and ink cartridges because an engineering printing system will not be installed at this location.
- 3.5) WVDOH may consider a trade-in of the existing equipment (see Attachment 2) to be replaced with these new Engineering Digital Printing Systems, provided that it is approved by the Surplus Property Section of State Purchasing. If the vendor does have a trade-in program, then please show the trade-in costs on the 'Cost Sheet' (see Attachment 1).

Attachment 2: Delivery, Installation, Setup, and Training Locations -

District 1
1334 Smith Street
Charleston, WV 25301-1492
District Engineer/Manager
Anthony Carovillano
(304)558-3001
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031090

District 2
801 Madison Avenue
Huntington, WV 25712-0880
District Manager
Keith Chapman
(304)528-5625
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031269

District 3
624 Depot Street
Parkersburg, WV 26102-0308
District Engineer
James E. Roten, Jr.
(304)420-4645
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031273

District 4
I-79 & Meadowbrook Road (Exit 121)
Clarksburg, WV 26302-2570
District Manager
Greg Phillips
(304)842-1550
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9030880

District 5
P. O. Box 99 (US Route 50)
Burlington, WV 26710
District Engineer
Robert Amtower
(304)289-2200
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031065

District 6
1 DOT Drive
Moundsville, WV 26041
District Engineer
Robert W. Whipp
(304)843-4008
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031070

Attachment 2: Delivery, Installation, Setup, and Training Locations -

District 7
255 Depot Street
Weston, WV 26452-1228
Highway District Manager
Ron Hooton
304-269-0414
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9030950

District 8
US Route 219 North
P.O. Box 1516
Elkins, WV 26241
District Engineer
Mike Moran
(304)637-0220
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031021

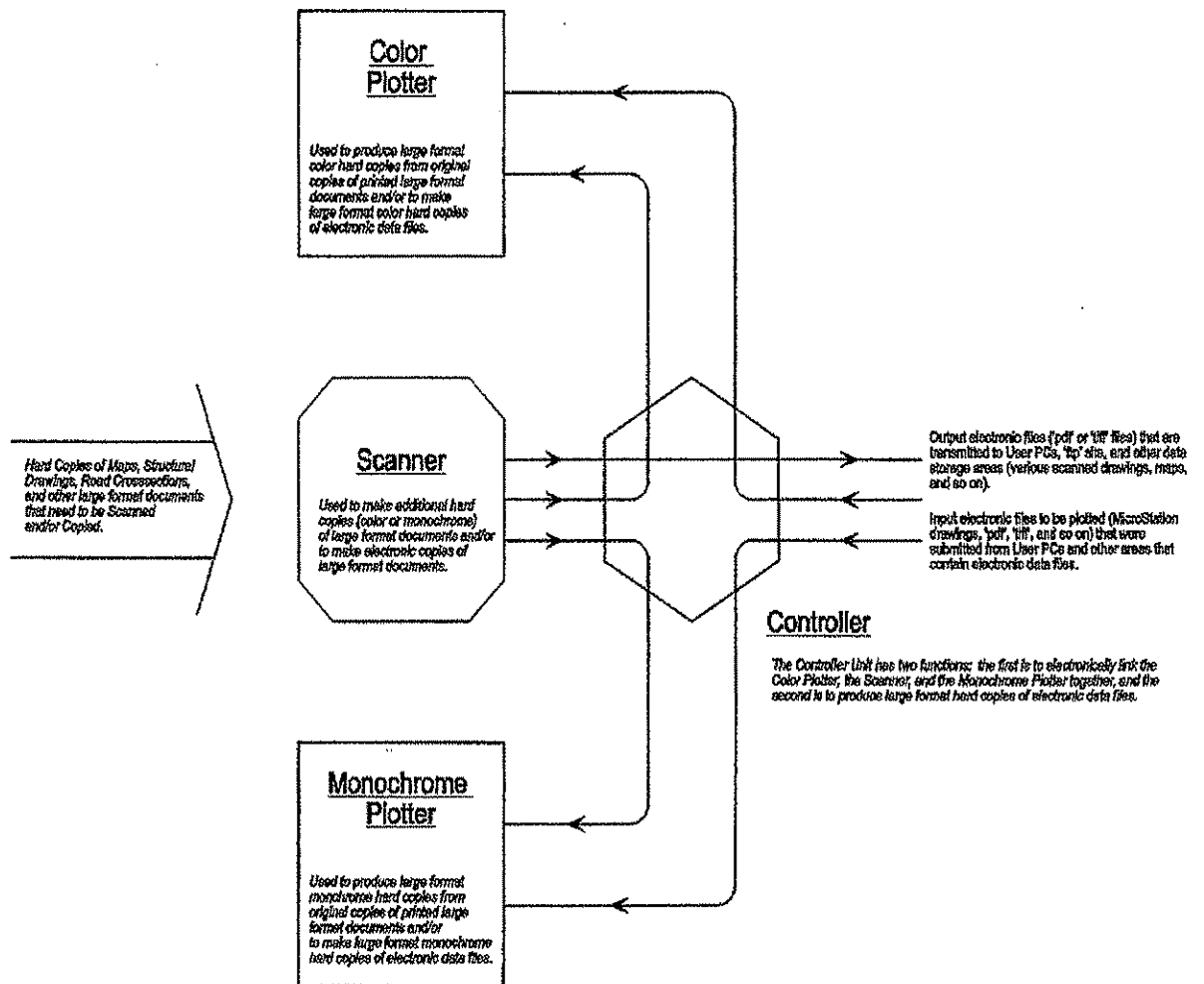
District 9
103 1/2 Church Street
Lewisburg, WV 24901
District Engineer
Jim Lagos
(304)647-7450
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031255

District 10
270 Hardwood Lane
Princeton, WV 24740
District Manager
Jim McBrayer
(304)487-5228
Xerox 8825 Plotter/Scanner currently in use at this location,
Serial Number: DT9031178

Materials Division
190 Dry Branch Road
Charleston, WV 25306
Division Manager
Aaron Gillespie
(304)558-3160
Removal and/or Trade-in of old equipment is not required at this location.

WVDOH Headquarters
1900 Kanawha Blvd, East
Charleston, WV 25305
Information Services Director
Joe Biancaniello
(304)558-9241
Removal and/or Trade-in of old equipment is not required at this location.

Attachment 3: Diagram of the Engineering Printing System –



VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37. (Does not apply to construction contracts). West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

- 1. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or, Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Bob Max Komax Business Systems Signed: Bob Maxwell

Date: 11/26/09 Title: GENERAL MANAGER

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: KOMAX BUSINESS SYSTEMS
Authorized Signature: Bob Maxwell Date: 11/26/08

KOMAX Business Systems

RFQ # 639000019

Bid Opening 11/26/08

West Virginia Department of Transportation: Engineering Digital Printing System

Attachment 1: Cost Sheet Data

COST SHEET

QTY	DESCRIPTION	PURCHASE COST	MAINTENANCE*	TOTAL
			1st Year Included	
11	Color Plotters (2.1)	\$ 104,368.00	\$0.00	\$ 104,368.00
11	Monochrome Plotters (2.2)	\$ 171,193.00	\$0.00	\$ 171,193.00
12	Scanners (2.3)	\$ 8,199.00	\$0.00	\$ 8,199.00
11	Controllers (2.4)	\$ 1,300.00	\$0.00	\$ 1,300.00
	Hardware Sub-Total		SEE Attached Price	\$ 285,060.00

* Annual Maintenance as described in 3.2 and 3.3.

SERVICES	COST
Installation (1.3)	No Additional Charge
Training (3.4)	No Additional Charge
Services Sub-Total	\$0.00

QTY	DESCRIPTION	UNIT PRICE	TOTAL
11	Toner Cartridges for the Monochrome Plotters	Inc.	Inc.
11	Color Cartridges for the Color Plotters	Inc.	Inc.
11	Rolls of Paper Media (150' x 34) for the Monochrome Plotters	Inc.	Inc.
11	Rolls of Paper Media (150' x 34) for the Color Plotters "	Inc.	Inc.
12	Copies of the Color Plotter User Manual*	Inc.	Inc.
12	Copies of the Monochrome Plotter User Manual*	Inc.	Inc.
12	Copies of the Scanner User Manual*	Inc.	Inc.
12	Copies of the Controller User Manual*	Inc.	Inc.
	Start-up Supplies Sub-Total	\$0.00	\$0.00

*Note, the User Manuals may be in either a printed form or in the 'pdf format.

DESCRIPTION	TOTALS
Hardware Sub-Total	\$285,060.00
Services Sub-Total	\$0.00
Start-up Supplies Sub-total	\$0.00
TOTAL	\$285,060.00

NOTE: The State may choose to accept a trade-in for the equipment to be replaced, and may subtract it from the Total above for evaluation purposes. If you offer a trade-in, the value is

\$2000.00 per Xerox 8825 traded-in towards each HP Designjet 4500. 10 Systems = **\$20,000**
(HP Cash-in & Trade Up Program)

Color Plotters = HP Designjet 4500
Monochrome System = KIP 3102 Color STF

KOMAX Business Systems

Proposed Equipment: **Konica Minolta - KIP 3100 Copier/Printer/Scanner**

- 3100 Copier - 2 Roll Drawer
- Integrated Controller for Printing & Copying
- Doc Feeder up to 36" with true 600x600 dpi
- Scan to HP 4500 for color copying
- B/W & Full Color Scan to File
- Integrate LCD color touch screen
- Collated Set copying w/Front Exit
- PostScript Kit
- Real-time image preview
- Mirror / invert copies
- R/E With Zoom Ratios
- 6 "D" Copies/Minute (50% Faster than Oce TDS450)
- Toner Startup Kit
- 100% Toner Efficiency with KIP HDP plus Technology
- No Waste Tank to empty
- Installation, Training & 1st Year Warranty

Maintenance Option for 2nd and 3rd year (each Kip 3100)

\$125.00/Mn (3,500 Sq. Ft) – Overage @ .025/Sq Ft

Includes: All Parts & Labor
 Drum Units
 All Emergency and Preventive Calls
 Billed Quarterly – in Arrears

Proposed Equipment: **Vidar SD4430 Scanner (See Attached Brochure)**

Maintenance Option for 2nd and 3rd year (Vidar SD4430)

\$599 per Year (Post Warranty)

Includes: All Parts & Labor
 All Emergency and Preventive Calls

KOMAX Business Systems

Proposed Equipment:

HP Designjet 4500 Color Inkjet Plotter
With Installation, Training & 1st Year Warranty

Print quality

Technology: HP Thermal Inkjet
Print Resolution: Up to 2400 x 1200 optimized dpi
Cartridges: 4 (1 each black, cyan, magenta, yellow)

Paper handling/media

Maximum roll length 575 ft
Document finishing: Two automatic roll feeds, automatic roll switching, and automatic cutter
Media types: Paper (coated, glossy, heavyweight coated, inkjet, natural tracing, photo, plain, semi-gloss, super heavyweight coated, translucent bond, vellum), film

Memory/print languages/typefaces

Memory, standard Hard disk 256 MB (upgradeable to 512 MB) Standard
Print languages, standard HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4

Connectivity

Connectivity, standard 1 EIO slot, Fast Ethernet (10/100 Mbps),
FireWire (IEEE 1394 compliant)
Connectivity, optional HP Jetdirect 620n Fast Ethernet Print Server, HP
Jetdirect 40d Gigabit Print Server, HP Designjet High Speed USB 2.0
Card

Power Certifications: ENERGY STAR® qualified

Compatible network operating systems

Windows 2000; Windows XP Home; Windows XP Professional;
Windows Server 2003; Mac OS X v 10.2.8; Mac OS X v 10.3; Mac OS X
v10.4

Maintenance Option for 2nd and 3rd year (each HP Designjet 4500)

3 Years Warranty for \$2,449 (on initial order Only)

Or \$1,349 per Year (Post Warranty)

Includes: All Parts & Labor
All Emergency and Preventive Calls
Supplies are not included



KIP 3100 SERIES SYSTEMS

THE KIP 3100 IS A POWERFUL NEW DIGITAL COPY, PRINT & SCAN SYSTEM DESIGNED TO PROVIDE HIGH PRODUCTIVITY AND SUPERIOR IMAGE QUALITY AT SIGNIFICANTLY REDUCED OPERATIONAL EXPENSE. COPIES, PRINTS OR SCANS – KIP 3100 IMAGE QUALITY MAKES WIDE FORMAT TECHNICAL COMMUNICATIONS CLEAR AND EFFECTIVE.

KIP 3100 Copy System

The KIP 3100 mono/color copy system accurately reproduces technical documents at true 600 x 600 dpi resolution. Monochrome copies may be delivered to the integrated front stacker or directed to a range of rear print stacking systems. Media capacity consists of one or two roll drawers, plus a manual bypass for producing single copies onto single sheets. Color copies are produced via integration with a wide range of inkjet printers.

KIP 3100 Copy System Features: ■ Touch screen operator panel provides one-touch access to all copying features ■ Produce collated sets of an unlimited number of monochrome originals ■ Real time preview provides operators with instant copy quality assurance ■ Full integration with a wide range of inkjet printers ■ Automatic quality presets ensure top quality copies and scans with minimal operator effort ■ Unique KIP closed loop color calibration system ensures maximum color copy accuracy

KIP 3100 Print System

The KIP 3100 network printer is designed to provide a combination of peak demand productivity and superior print quality. The system efficiently produces documents sent via application drivers, network PCs or over the internet. The KIP 3100 meets stringent decentralized printing demands with environmentally conscious design elements.

KIP 3100 Print System Features: ■ Produces 6 'D', A1 size prints or copies per minute ■ Small dot size and high print resolution provides exceptional print quality, high definition lines, distinctive grayscales and consistent solid areas. ■ 100% Toner Efficient - No waste toner or conventional cleaning systems result in lower toner consumption. ■ High Density Black Toner - Solid black images with low toner profile provide sharp print contrast.



RoHS
Compliant





KIP 3100 Scan System

The integrated KIP 3100 monochrome and color scanner utilizes advanced document transport and imaging technologies to create accurate, high quality digital files. The scanner effectively captures a 36" wide image area, making it ideal for the monochrome technical drawings as well as full color graphic renderings, maps and photos. The KIP 3100 scan system is specifically designed to provide all imaging functions from a single footprint system for maximum productivity with minimal impact on work space.

KIP 3100 Scan System Features: ■ KIP 3100 delivers production scanning speeds up to 7.6" per second ■ Scanned images are saved to network location, FTP site or personal/project inbox ■ Scan to a variety of file formats including single or multi-page PDF & DWF ■ Fully integrated system design eliminates the need for additional PCs ■ Color scan speed up to 2.6" per second ■ Scan to network location as TIF, PDF or Email-ready JPEG

IPS Operator Panel

The KIP 3100 touch screen interface has been designed to provide decentralized print environments with a powerful combination of versatility and ease-of-use. Each function of the KIP 3100 is accessible at a touch, with dedicated application screens that provide operator authorization and controls for digital system functions.

IPS Software Suite

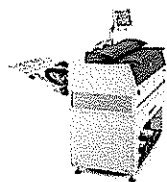
Fast and flexible, the KIP IPS software suite streamlines production print work, saves time and increases productivity.

From web-based viewing and printing of documents in a wide range of formats, to PC job submission and application drivers, KIP IPS software is a complete wide format document solution.

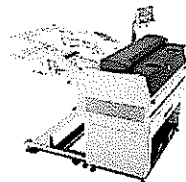
Folding and Finishing

Through seamless integration with the KIP 3100 IPS, a range of finishing solutions enable true end-to-end productivity. From intelligent print stackers to advanced online folding systems, finishing solutions for the KIP 3100 can be easily tailored to suit current production requirements while maintaining the flexibility to change with market demands.

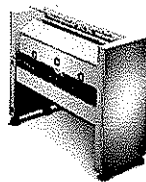
Folding & Finishing Options



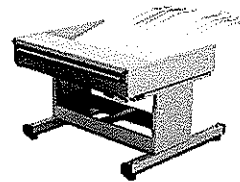
*KIP Print Receiving Rack
Stacks up to 100 A-E size
prints/copies*



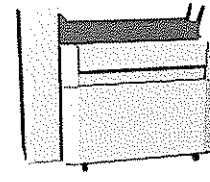
*KIP Print & Original
Stacking System Stacks
up to 100 A-E size
prints/copies & 50 originals*



*KIP 300 Stacker
Stacks up to 350 A-E
size prints/copies*



*KIP 1200 Stacker
Stacks up to 1000 A-E
size prints/copies*

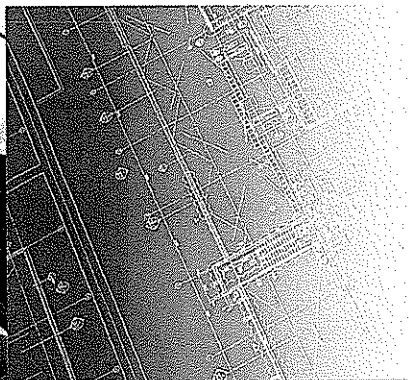


KIPFold 3100

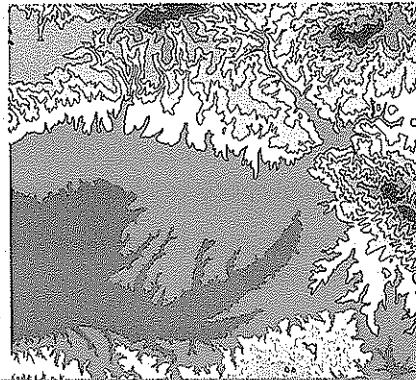
Professional Scanning Solutions
SD Series



Architects - Engineers - Contractors



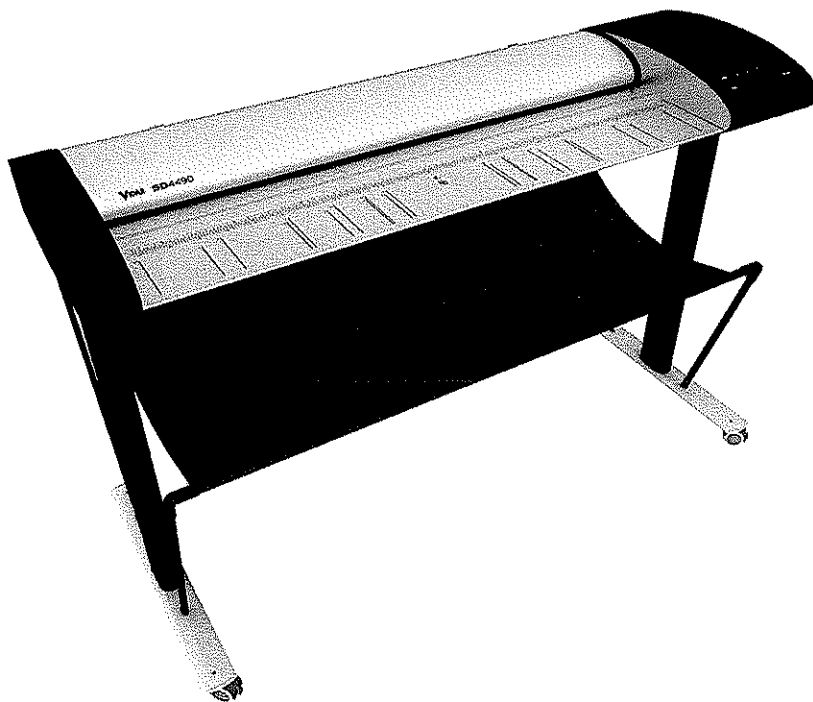
Technical Documents - Infrastructure



Maps - Geographic Information Systems



Government - Municipalities



VIDAR
SD4400

SD large format scanners give companies an easy and affordable way to save time on in-house scanning activities. You get exceptional professional-grade performance with true 1200dpi optical resolution with speeds of up to 10 inch/second. The VIDAR SD4400 series is designed for high-volume productivity for businesses-critical imaging tasks. Whether you are a private business or government, VIDAR's range of SD4400 scanners is the right solution for improved efficiency and productivity. The 44" imaging area is designed to produce clean, sharp image quality on technical documents, sketches, and maps. Fast, simple image clean-up on old, faded, or poorly shaded documents, and safe handling of sensitive originals with no data loss in capture. Expand your business opportunities with VIDAR's versatile SD4400 scanners.

See more at www.vidar.com

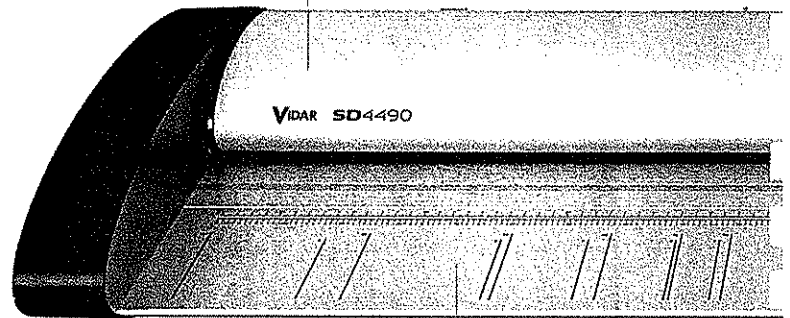
The Image of Reliability

VIDAR

Features

- 1200dpi optical resolution standard
- All-Wheel-Drive (AWD) for a perfect grip on your documents
- See what you scan with face-up scanning
- Ultra fast USB 2.0 interface with xDTR (Extended Data Transfer Rate)
- Scan-to-Net function for scanner sharing across a network, and sending files to remote PCs
- Complies with current Energy Star requirements using less than 5W at rest

Lightweight scanner in a sleek and modern design making transport and setup an easy task.



Experience the competitive edge with true 1200dpi optical resolution and fast USB with xDTR.

Value for Money

VIDAR makes it easy to scan technical documents, maps and drawings. VIDAR's SD4400 series is built to withstand high-volume use on daily basis and are available in a sleek and lightweight design. Maintenance and set-up is easy. With SD4400 you get a total scanning solution with leading-edge software that fits with your existing tools and business processes.

Ease of Use and Productivity

Instant-on scanning and one-touch interface saves time in loading and scanning large documents. Nextimage software and WIDESystem drivers make scanning to file, to print, or to the network fast and simple. Intuitive software makes the scanner easy to use and maintain.

SPECIFICATIONS

	VIDAR SD4410	VIDAR SD4430	VIDAR SD4450	VIDAR SD4490
Optical Resolution	1200dpi	1200dpi	1200dpi	1200dpi
Maximum Resolution	9600dpi	9600dpi	9600dpi	9600dpi
Maximum Scan Width	44in. (1118 mm)	44in. (1118 mm)	44in. (1118 mm)	44in. (1118 mm)
Maximum Media Width	47in. (1194 mm)	47in. (1194 mm)	47in. (1194 mm)	47in. (1194 mm)
Maximum Media Thickness	0.04-inch (1 mm)	0.04-inch (1 mm)	0.04-inch (1 mm)	0.04-inch (1 mm)
Accuracy	0.1% +/- 1 pixel	0.1% +/- 1 pixel	0.1% +/- 1 pixel	0.1% +/- 1 pixel

SCANNING SPEED* (inch/sec.):

400dpi (Turbo) 24-bit RGB Color	-	1.0	1.5	3.0
400dpi (Turbo) 8-bit Index Color	-	1.0	1.5	3.0
400dpi (Turbo) 8-bit Grayscale	10.0	5.0	10.0	10.0
400dpi (Turbo) 1-bit Monochrome	10.0	5.0	10.0	10.0

INTERFACE :

High Speed USB 2.0 with xDTR	✓	✓	✓	✓
Power Requirements	110V / 220V / 240V, 60/50 Hz			
Power, Operational	44 W			
Power, Sleep Mode	less than ≤ 3 W (Energy Star compliant)			
Weight & Dimensions WxDxH	30 kg / 60" x 19" x 6.3" inches (1525x480x161 mm)			
Host Platform/Device Drivers	Windows XP, Server 2003, Vista (32-bit only)			
Certifications	Energy Star, RoHS, UL, CE, GOST-R, CCC			

* Scanning speeds depend on document width and computer configuration.

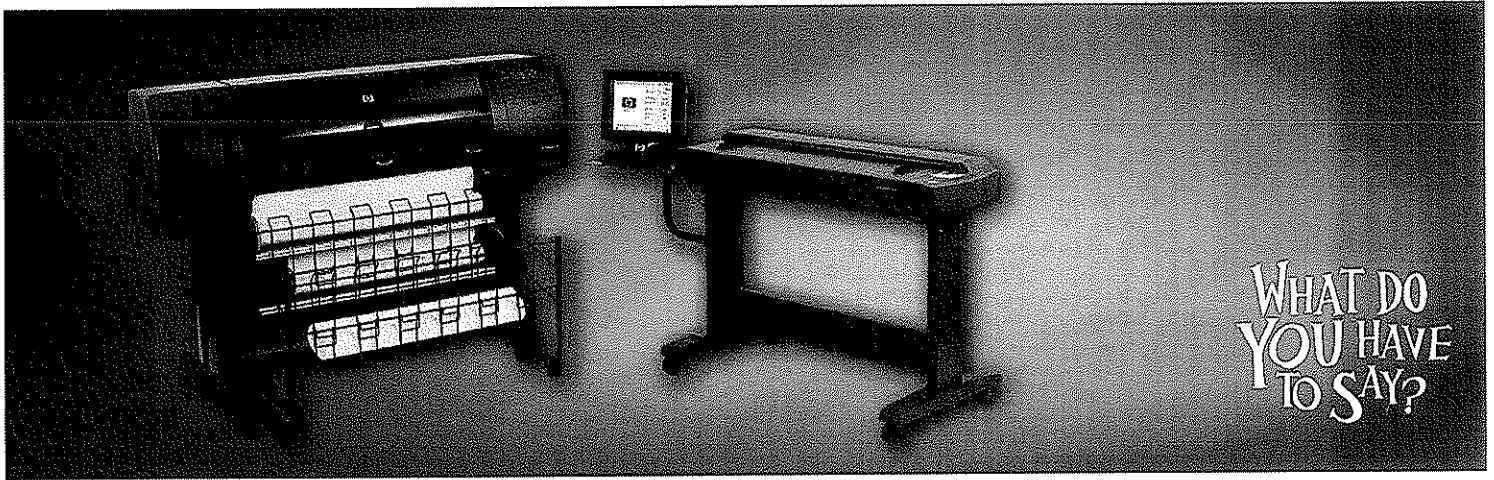
See our entire product range and download further details at www.vidar.com

VIDAR HQ Europe
VIDAR A/S
Svanevang 2
DK-3450 Allerød · Denmark
T: +45 4814 1122
F: +45 4814 0122

VIDAR USA
14100 Parke-Long Court, Suite P
Chantilly, VA 20151 · USA
T: +1 (703) 378-2209
F: +1 (703) 378-0036
US Toll free: 1-877-226-6839



VIDAR



WHAT DO
YOU HAVE
TO SAY?

HP Designjet 4500 Printer series



Maximize productivity with the HP Designjet 4500 Printer series. Large input and output capacity for unattended printer operation plus optional high performance scanning/copying make it the ideal color production system for technical applications.

Unattended color production at low cost

- **Large input and output capacity.** The HP Designjet 4500 Printer series has large, flexible input capacity, with two rolls to allow for different media types or sizes, as well as fast automatic roll switching and long roll support up to 575 ft/175 m. It also features large output capacity, with an optional stacker capable of flattening and stacking up to 200 plots.
- **New high-capacity HP 90 Black Ink Cartridge (775 ml) and 3-ink cartridge multipack.** The HP Designjet 4500 Printer series provides greater convenience and fewer interruptions for environments that produce a high volume of line drawings. 3-ink cartridge multipacks and value packs for each color lower the overall printer costs.
- **No need for trimming with small margin printing.** Ready-to-use prints: The HP Designjet 4500 Printer series creates CAD prints with 0.2 in/5 mm margins so there's no need for trimming.
- **Low support costs.** Count on the world-renowned reliability of HP printers and printing supplies to reduce your support costs and increase uptime.

Superior lines and images

- **Accurate lines and high image quality.** With the ability to deliver up to 2400 x 1200 dpi and 0.1% line accuracy, the HP Designjet 4500 Printer series creates sharp, professional-quality images. And patented dye-based color and pigment-based black HP inks produce accurate lines and images to perfect the job.
- **HP Professional Color Technologies.** The HP Designjet 4500 Printer series helps you get the right colors on the first print by employing a range of HP's Professional Color Technologies, including: enhanced sRGB printing and AdobeRGB, Closed Loop Color, TIFF and JPEG with embedded ICC profiles, offset emulation, HP CMYK Plus, Black Point compensation, and PANTONE® calibration (PS only).
- **Exceptional output quality enabled by HP media.** HP Universal Inkjet Bond paper features industry-leading whiteness for a value bond paper with crisp line resolution and high color-contrast prints. Use HP Super Heavyweight Plus Matte Paper to deliver ripple-free, photorealistic graphics at productive printer speeds and an affordable price and HP Universal Instant-dry Photo Media for immediate lamination and post-printing processing, saving time and money.

Double your print capacity¹

- **HP Double Swath Technology - twice the performance in color and black-and-white.¹** Two long-life HP printheads for each color deliver a wide print swath and a higher firing frequency that enables fast printing. Get 2 D/A1-size prints in color and black-and-white in less than 1 minute.² The embedded processor delivers fast, simultaneous processing and printing up to 100 D/A1-size prints per hour.³
- **Driverless multi-file printing.** Save time with the driverless multi-file printing workflow that is operating system independent and simply requires a TCP/IP connection and a standard Web browser. Experience support for a wide range of formats, including TIFF, JPEG, CALS/G4, HP-RTL, HP-GL/2, as well as Adobe® PostScript® Level 3™ and PDF 1.5 to help you quickly and accurately finish any job.
- **Fast, simultaneous processing.** Experience fast, simultaneous processing and printing thanks to the embedded processor. This robust series comes equipped with 256 MB of memory that can be expanded up to 512 MB for excellent performance on even your most complex jobs.

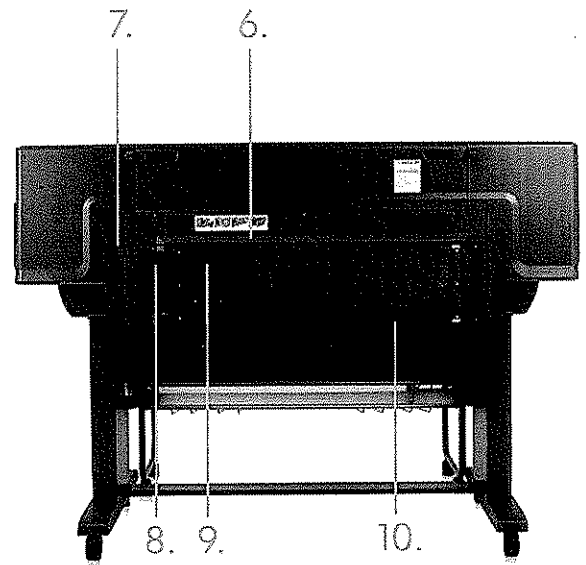
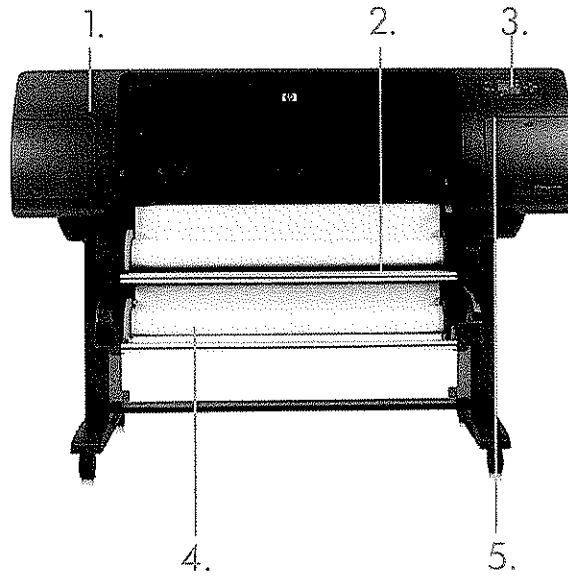
Easy-to-use integrated solution

- **Integrated copy system.** The integrated copy system of the HP Designjet 4500mfp features real-time printer, media, and queue information in the scanner user interface along with copy accounting in the printer, and copy job priority capability.
- **Outstanding copy and scan performance.** With scan speeds of 3 inches per second color and 10 inches per second black-and-white, 2 D/A1-size prints in less than 1 minute², and excellent image quality (508 dpi optical resolution and up to 9600 dpi enhanced resolution), the HP Designjet 4500mfp delivers outstanding copy and scan performance.
- **Remote printer management and extended accounting support.** The HP Designjet 4500 Printer series comes with the HP Embedded Web Server, which lets you remotely manage printer, ink, and media usage. Plus, you can generate detailed usage reports by job, user, project, or even type of print and automatically send them for remote usage tracking or easy and accurate billing.

¹ Compared to any HP Designjet 600/700/800/1000 Printer series
² Mechanical printing time. Printed in Fast mode on HP Bright White Inkjet Paper (Bond). Speed indicated is maximum printer speed.
³ Multi-copy printing; total printing time.

HP Designjet 4500 Printer series

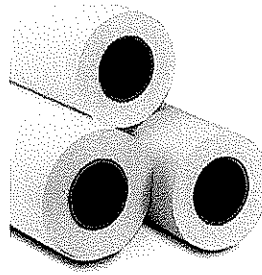
1. Ink supplies of 225 and 400 ml for CMY, and 400 and 775 ml for K.
2. Accommodates 2 media rolls with long roll support up to 575 ft/175 m.
3. Front panel with user-friendly animations.
4. Color consistency and screen-to-print matching with HP Professional Color Technologies.
5. Pairs of staggered printheads in the carriage mean the HP Designjet 4500 Printer series has double the print capacity of earlier models.*
6. HP Embedded Web Server for driverless file submission, queue management, preview, supplies and printer status, and error notification.
7. HP Embedded Jetdirect Print Server 10/100Base-T + 2 IEEE 1394 (FireWire®) ports.
8. EIO port for optional Jetdirect cards.
9. Embedded processor for simultaneous printing and processing. 256 MB memory expandable to 512 MB and 40 GB hard disk.
10. Equipped with a standard bin that holds 25 D/A1-size prints. An optional stacker is capable of flattening and stacking up to 200 plots.



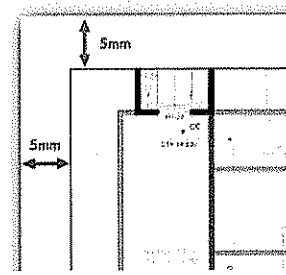
* Compared to any HP Designjet 600/700/800/ 1000 Printer



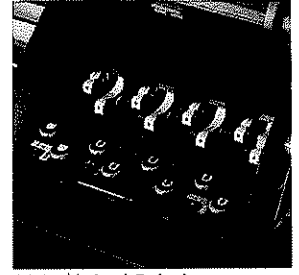
HP large black ink cartridge



HP long media roll



5 mm margins



HP Double Swath Technology

HP Designjet 4500 Printer series at a glance

HP Designjet 4500 Printer

- Up to 42 in/ 1067 mm wide
- 2400 x1200 dpi maximum resolution
- Two media rolls with long roll support up to 575 ft/175 m
- Ink supplies of 225 and 400 ml for CMY, 400 and 775 ml for K
- Embedded processor and 256 MB memory expandable up to 512 MB, 40 GB hard disk
- Support for HP/CI/2, HP/RTI, TIFF, JPEG, CALS G4

HP Designjet 4500ps Printer

- All the features of the 4500 model, plus:
- Embedded RIP for Adobe PostScript 3, Adobe PDF 1.5

HP Designjet 4500mfp Printer

- All the features of the 4500 model, plus:
- Embedded RIP for Adobe PostScript 3, Adobe PDF 1.5
 - HP Designjet 4500 Scanner

Optional accessories:

- HP Designjet 4500 Stacker
- HP Designjet 4500 Scanner (comes at standard with HP Designjet 4500mfp)
- HP Jetdirect 400 Gigabit Print Server
- HP Designjet 4500 - 42 in/1067 mm Roll Feed Spindle
- HP Designjet High-Speed USB 2.0 Card
- HP Designjet 256 MB Memory Upgrade
- HP Jetdirect 620n Fast Ethernet Print Server

Optional service and support

- HP Installation Service (1 unit)
- HP Network Installation Service (1 unit)
- HP Next Business Day Onsite Hardware Support, 3 years
- HP 4-hour response 2x5 Onsite Hardware Support, 3 years
- HP 4-hour response 13x5 Onsite Hardware Support - onsite in 4 hours, 3 years
- HP Next Business Day Onsite Hardware Support, 1 year post-warranty
- HP 4-hour response 2x5 Same-Day Onsite Hardware Support, 1 year post-warranty
- HP 4-hour response 13x5

"With the Designjet 4500 you don't need to constantly check on the printer, instead you can do something else. We easily save 6 to 12 hours a week because of this."

John Jury, Director, Reprograffix

Full flexibility from the HP Designjet 4500 Printer series



More functionality with the HP Designjet 4500mfp

With scan speeds of 3 inches per second color and 10 inches per second black and white, 24"/A1 size prints in less than 1 minute¹, and excellent image quality (308 dpi optical resolution and up to 9600 dpi enhanced resolution), the HP Designjet 4500mfp delivers outstanding copy and scan performance.

The Designjet's integrated copy system features realtime printer, media, and queue info in the scanner user interface, copy accounting in the printer, and copy job priority capability.

Integration with the printer enables excellent copy quality and performance.

An easy-to-use touchscreen, easy color calibration, and easy print settings for printing sets make scanning and copying exceptionally user-friendly.

It is easy to integrate with a wide variety of industry leading third party applications such as scan, raster-to-vector conversion or document management.

This MFP is fully compatible. Easily print scanned documents directly to almost any HP Designjet printer². Built-in scan-to-network capabilities foster productivity with fewer steps. Easily save scanned files in PDF, TIFF, JPEG2000, and DWF file formats.

HP Designjet 4500 Stacker (optional)

The HP Designjet 4500 Stacker collects up to 200 D/A1 or E/A0 size plots and automatically flattens them, keeping them organized until you can gather them. Print unattended runs during business hours—and get more done—for overnight.

Free up production staff to work on multiple projects at once. The HP Designjet 4500 Stacker handles large black-and-white or color jobs without intervention. Unattended printing allows users to get more done.

Save time and collect your valuable, high-impact outputs if prints with the HP Designjet 4500 Stacker. When you're ready to gather your output, it will be organized and waiting for you. Neatly and cleanly collects all sizes and weights of printable media supported by the HP Designjet 4500 Printer series, including HP Universal Inkjet Bond paper, HP Super Heavyweight Plus Matte Paper, and HP Universal Instantary Photo Media.

(1) Mechanical printing time. Printed in color mode on HP Bright White Inkjet Paper (Bond). Speeds indicated are maximum paper speed.

(2) Full compatible with HP Designjet 500, 800, 1000, 4000, 4500, 5000, 5500, 1600, 11100, 22100, 23100, 26100, and products.

(3) Stacker performance may vary depending on the media used.

HP Designjet 4500 Printer series

Technical specifications

Print speeds	76 x 315 / 53.2 in / 1930 x 800 / 1350 mm (Best mode) / 70.8 x 40.2 / 54.3 in / 1800 x 1020 x 1380 mm (Normal mode)
Resolution	Up to 2400 x 1200 dpi (best mode)
Media	17" (430 mm)
Media sizes	0.2 in/5 mm (Small); 0.45 in/11.5 mm (Normal); 2.1 in/55 mm (Extended)
Top	0.2 in/5 mm (Small and Normal); 2.1 in/55 mm (Extended)
Bottom	0.2 in/5 mm (Small and Normal); 2.1 in/55 mm (Extended)
Side	0.2 in/5 mm (Small and Normal); 0.6 in / 15 mm (Extended)
Print quality	
Thickness	Up to 0.157 in/0.4 mm
Weight	0.11 to 0.72 lb/50 to 328 g/m ²
Size	Rolls up to 42 in/1067 mm wide
Technology	HP Thermal Inkjet
Technology resolution	HP Color Layering technology, HP PhotoREI III
Print cartridge colors	Black, cyan, magenta, yellow
Ink types	Black pigmented, CMY dye-based
Ink drop	5 pl color, 15 pl black
Speed	
Resolution	Color (200 dpi/400 dpi Turbo): 3 in/sec (76 mm/sec) Black-and-white (200 dpi/400 dpi Turbo): 10 in/sec (254 mm/sec) Best mode: color and black-and-white 300 x 300 dpi Normal mode: color and black-and-white 200 x 200 dpi Draft mode: color and black-and-white 150 x 150 dpi Enhanced mode: color and black-and-white 9600 x 9600 dpi, with variable resolution settings from 50 dpi in increments of 1 dpi
Max. Scan Width	42 in/1067 mm
Max. Scan Thickness	0.6 in / 15 mm
Media handling	24" (610 mm) (up to 42" (1067 mm) with optional roll)
Printers	Two automatic rolls, automatic roll-switching, automatic cutter
Scanner ¹	Straight-through scan paper path for sheet and cardboard originals
Media types	
Printers	Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, glossy, translucent bond, natural tracing, photo, vellum), film.
Scanner ¹	Non-abrasive paper, vellum, mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard, no plywood, no stone plates, no metal plates nor abrasive dirty, rough, sharp edged, metal clamped, burned surfaces
Stacker	Paper (plain, inkjet, coated, heavyweight coated, super heavyweight coated, semi-gloss, translucent bond, natural tracing, photo, vellum) ²
Connectivity	
Interfaces Standard: Printers	1 EIO slot, embedded Jetdirect, Fast Ethernet (10/100 Mbps), FireWire (IEEE 1394a-compliant)
Interfaces Standard: Scanner ¹	1 Fast Ethernet 10/100 Base-TX
Interfaces Optional	HP Jetdirect 620n LAN Card, HP Jetdirect 40d Gigabit Print Server for the HP Designjet 4000 Printer series, HP Designjet 4000 Printer series HiSpeed USB 2.0 card
Drivers (included)	HPGL/2, HPRTL Windows drivers, PS Windows drivers (HP Designjet 4500ps Printer and HP Designjet 4500mp only), Optimized Windows driver for AutoCAD 2000 and higher, support for Citrix MetaFrame environments, PS driver for Mac OS X
Print languages (Standard)	4500
4500ps & 4500mp	HPGL/2, HPRTL, TIFF, JPEG, CALS G4
Print languages (Optional)	Adobe PostScript 3, Adobe PDF 1.5, HPGL/2, HPRTL, TIFF, JPEG, CALS G4
Dimensions (Printer)	
Maximum Printer	76 x 31.5 x 53.2 in / 1930 x 800 x 1350 mm
Maximum Scanner ¹	70.8 x 40.2 x 54.3 in / 1800 x 1020 x 1380 mm
Maximum Stacker	50.63 x 61.77 x 44.69 in / 1286 x 1569 x 1135 mm
Shipping Printer	83.9 x 30.5 x 52 in (EMEA), 83.9 x 30.5 x 74.4 in (CA, LAR, NA, AP) / 2130 x 775 x 1320 mm (EMEA), 2130 x 775 x 1890 mm (CA, LAR, NA, AP)
Shipping Scanner ¹	75.2 x 27.2 x 28.7 in / 1910 x 690 x 730 mm
Shipping Stacker	55.1 x 31.9 x 23.6 in / 1400 x 810 x 23.6 mm
Weight	
Printer	408 lb/185 kg
Scanner ¹	204 lb/92.5 kg
Stacker	116.84 lb/53 kg
Shipping Printer	501.1 lb (EMEA), 600.3 lb (CA, LAR, NA, AP) / 227.3 kg (EMEA), 272.3 kg (CA, LAR, NA, AP)
Shipping Scanner ¹	316 lb/143.5 kg
Shipping Stacker	143.3 lb/65 kg
Supplies	
HP Designjet 4500/4500ps	HP Designjet 4500 Printer, stand and basket assembly, roll module, setup poster, documentation and drivers CD, Quick Reference Guide and holder, media sample, maintenance kit, power cord, 3-in spindle adaptor (x4), printheads (x8), printhead cleaners (x8), ink cartridges (x4), ink cartridge insert, ink printhead insert, Customer Service Guide
HP Designjet 4500mp	All the features mentioned above, plus HP Designjet 4500 Scanner, scanner stand, touchscreen (panel PC), keyboard, power cables, FireWire cables (x2), media guides (x2), maintenance sheet, system recovery DVD, maintenance kit, plastic dust cover, scanner setup poster, scanner Quick Reference Guide

1) Mechanical printing time. Printed in Fast mode on HP Bright White Inkjet paper (60wt). Speed indicated is maximum printer speed.
2) Color image. Based on drying based on plain paper, 41.53 x 42.35 in/1055 x 1076 mm (Fast mode). Optimize for Test Drawings. Maximum Detail = Off.
3) Multi-copy printing total printing time.
4) ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on E/AO printing material in Best or Normal mode with HP Matte Film.
5) HP Designjet 4500mp only.
6) The HP Designjet 4500 Standard series does not support film, including HP Clear Film and HP Matte Film or other media with long drying time.

Environmental ranges	
Operating temperature	41 to 104° F/5 to 40° C
Recommended operating temperature	59 to 86° F/15 to 30° C
Storage temperature	-4 to 131° F/20 to 55° C
Operating humidity	20 to 80% RH
Recommended humidity	25 to 75% RH
Acoustic	
Sound pressure, active	46 dB(A)
Sound pressure, standby	41 dB(A)
Sound power, active	4.3 dB(A)
Sound power, standby	5.8 dB(A)
Power consumption	
Maximum	500 watts, 800 watts/15
Power requirements	
Printers	Input voltage 100 to 127 V ac (+/- 10%), 6 amp; 220 to 240 V ac (+/- 10%), 3 amp; 50/60 Hz (+/- 3 Hz); auto range 100 to 240 V ac (+/- 10%), auto range, 50/60 Hz, 5 amp maximum ¹
Scanner ¹	
Power certification	Compliant with IEC 60950, including EU IVD and EN60950, CSA-certified for US and Canada, Mexico NYCE, Argentina IIRAA, Singapore PSB, Russia VNIIS, HEMKO, China CCC, Taiwan BSMI
Safety certification	Compliant with Class A requirements, including EU (EMC Directive), US (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MOC), Japan (VCCI), Korea (KMC), Taiwan (BSMI) ENERGY STAR [®] qualified models; see http://www.hp.com/go/energystar
Electromagnetic compatibility	
Warranty	One year next-business-day onsite
Service and support - Care packs	
HP Designjet 4500 and 4500ps	UD431A/E: 3 year Next-Day Onsite - onsite next day support UD434A/E: 3 year 9x5 Same-Day Onsite - onsite support in 4 hours UD437A/E: 3 year 13x5 Same-Day Onsite - onsite support in 4 hours UD440A/PE: Next day onsite - 1 Year post warranty UD441A/PE: 9x5 Same-day onsite - 1 Year post warranty UD442A/PE: 13x5 Same-day onsite - 1 Year post warranty UD444A/E: 3 year Next-Day Onsite - onsite next day support UD447A/E: 3 year 9x5 Same-Day Onsite - onsite support in 4 hours UD494A/E: 3 year 13x5 Same-Day Onsite - onsite support in 4 hours UD897A/PE: Next-day onsite - 1 Year post warranty UD898A/PE: 9x5 Same-day onsite - 1 Year post warranty UD899A/PE: 13x5 Same-day onsite - 1 Year post warranty
HP Designjet 4500mp	

Ordering information

Printer	
C1721A	HP Designjet 4500 Printer
C1722A	HP Designjet 4500ps Printer
C1726A	HP Designjet 4500mp
Accessories	
C1676A	HP Designjet 4500 3-in Spindle Adaptor
C1677A	HP Designjet 4500 3-in Spindle Adaptor
C1678A	HP Designjet 4500 3-in Spindle Adaptor
C1679A	HP Designjet 4500 3-in Spindle Adaptor
C1680A	HP Designjet 4500 3-in Spindle Adaptor
C1681A	HP Designjet 4500 3-in Spindle Adaptor
C1682A	HP Designjet 4500 3-in Spindle Adaptor
C1683A	HP Designjet 4500 3-in Spindle Adaptor
C1684A	HP Designjet 4500 3-in Spindle Adaptor
C1685A	HP Designjet 4500 3-in Spindle Adaptor
C1686A	HP Designjet 4500 3-in Spindle Adaptor
C1687A	HP Designjet 4500 3-in Spindle Adaptor
C1688A	HP Designjet 4500 3-in Spindle Adaptor
C1689A	HP Designjet 4500 3-in Spindle Adaptor
C1690A	HP Designjet 4500 3-in Spindle Adaptor
C1691A	HP Designjet 4500 3-in Spindle Adaptor
C1692A	HP Designjet 4500 3-in Spindle Adaptor
C1693A	HP Designjet 4500 3-in Spindle Adaptor
C1694A	HP Designjet 4500 3-in Spindle Adaptor
C1695A	HP Designjet 4500 3-in Spindle Adaptor
C1696A	HP Designjet 4500 3-in Spindle Adaptor
C1697A	HP Designjet 4500 3-in Spindle Adaptor
C1698A	HP Designjet 4500 3-in Spindle Adaptor
C1699A	HP Designjet 4500 3-in Spindle Adaptor
C1700A	HP Designjet 4500 3-in Spindle Adaptor
C1701A	HP Designjet 4500 3-in Spindle Adaptor
C1702A	HP Designjet 4500 3-in Spindle Adaptor
C1703A	HP Designjet 4500 3-in Spindle Adaptor
C1704A	HP Designjet 4500 3-in Spindle Adaptor
C1705A	HP Designjet 4500 3-in Spindle Adaptor
C1706A	HP Designjet 4500 3-in Spindle Adaptor
C1707A	HP Designjet 4500 3-in Spindle Adaptor
C1708A	HP Designjet 4500 3-in Spindle Adaptor
C1709A	HP Designjet 4500 3-in Spindle Adaptor
C1710A	HP Designjet 4500 3-in Spindle Adaptor
C1711A	HP Designjet 4500 3-in Spindle Adaptor
C1712A	HP Designjet 4500 3-in Spindle Adaptor
C1713A	HP Designjet 4500 3-in Spindle Adaptor
C1714A	HP Designjet 4500 3-in Spindle Adaptor
C1715A	HP Designjet 4500 3-in Spindle Adaptor
C1716A	HP Designjet 4500 3-in Spindle Adaptor
C1717A	HP Designjet 4500 3-in Spindle Adaptor
C1718A	HP Designjet 4500 3-in Spindle Adaptor
C1719A	HP Designjet 4500 3-in Spindle Adaptor
C1720A	HP Designjet 4500 3-in Spindle Adaptor

More HP media sizes and weights available at www.hp.com/go/designjet4500



© 2004, 2008 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. All other names for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. PANTONE is the property of Pantone, Inc. Adobe and PostScript 3 are trademarks of Adobe Systems Incorporated. FireWire is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Windows is a U.S. registered trademark of Microsoft Corporation.

For more information, visit our website at www.hp.com/go/designjet4500

HP Designjet Cash In & Trade Up promotion (U.S. only) - November 1, 2008 - January 31, 2009

» Cash In & Trade Up

» Cash In & Trade Up In brief

- » Online claim form
- » FAQs
- » Cash In & Trade Up terms & conditions

- Buy or lease an HP Designjet T1100, T1100 MFP, 4000, 4500, 4500mfp, Z3200 or Z6100 series printer.
- Submit the online claim form by January 31, 2009.
- Optional trade in of old, qualifying large-format products.
- Get up to \$3,000 cash back*!



Promotion in brief

If you currently own a 24" or greater large-format printer, plotter, or vinyl cutter and you purchase or lease an HP Designjet T1100, T1100 MFP, 4000, 4500, 4500mfp, Z3200 or Z6100 series printer between November 1, 2008 and January 31, 2009, you can receive up to \$3,000 cash back*. **Submit the online claim form by January 31, 2009.** You have the option of trading in your existing large-format printer, plotter or vinyl cutter (HP and non-HP) or keeping it. In addition, you can save up to \$200 more when you add a qualifying HP Care Pack Service.

Eligibility

Promotion valid in the U.S. only. Please see the terms and conditions for detailed eligibility requirements and cash-back amounts. Purchases/leases and invoices dated prior to or after this timeframe (November 1, 2008 to January 31, 2009) will not be eligible for this promotion.

Process overview

Purchase or lease

Purchase or lease a qualifying new HP Designjet T1100, T1100 MFP, 4000, 4500, 4500mfp, Z3200 or Z6100 series printer between November 1, 2008 and January 31, 2009. Submit the online claim form by January 31, 2009.

Claim form

Complete the [online claim form](#) by January 31, 2009. You are not required to return the eligible existing printer, plotter or vinyl cutter but you must provide the model and serial number of your existing printer in order to receive the full cash back value. You will receive a confirmation page and quote number upon submission—please print out for your records. You will need to reference your quote number for all questions relating to this promotion. If you would like to return your trade-in product after you submit your online claim form you will need to contact hpcustomerservice@marketvelocity.com to receive shipping instructions.

Trade in products

You may trade in any HP or non-HP large-format pen plotter, inkjet printer, electrostatic plotter, thermal plotter, laser/LED plotter/printer or vinyl cutter that is 24" or greater. If you choose to trade in your product the trade-in product must be in good working condition. A test print from the existing or trade-in printer you are trading in must be included with the proof of purchase that is submitted.

Submission instructions

Your online claim form must be submitted by January 31, 2009 and then, your proof of purchase/lease and test page/decals or logo sample must be received within thirty (30) days of your claim submission date or post marked by March 2, 2009, whichever date occurs first.

Cash back

Once your claim documentation is verified, allow 6 weeks from the time your claim is complete to get your cash-back check. For questions regarding the claim process or status of your submission—please contact the promotion help line at 1.866.525.4178 Monday - Friday between the hours of 8:00 a.m. and 8:00 p.m. Eastern Time or e-mail hpcustomerservice@marketvelocity.com.