



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

CREATION DATE : 08-MAR-19
BID NUMBER: 7598673
TITLE: HP LATEX 365 PRINTER FOR MAINTENANCE
SIGN SECTION - DOT

BID CLOSING DATE AND TIME:29-MAR-2019 01:30:00

BUYER: Ward, Alyssa J
PHONE #: 401-574-8472

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DOT ACCOUNTS PAYABLE
TWO CAPITOL HILL, RM 230
SMITH ST
PROVIDENCE, RI 02903
US

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DOT MAINTENANCE BUSINESS OFFICE
360 LINCOLN AVE
WARWICK, RI 02888
US

Requisition Number: 1598126

Note to Bidders: All questions regarding this solicitation must be forwarded to doa.purquestions7@purchasing.ri.gov no later than March 19th, 2019 at 3:30 PM.

Line	Description	Quantity	Unit	Unit Price	Total
1	HP LATEX 365 PRINTER	1.00	Each		
2	SAI FLEXIPRINT TRAFFIC EDITION SOFTWARE	1.00	Each		
3	3 YEAR EXTENDED WARRENTY	1.00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

Rhode Island

Highway and Bridge Maintenance Division

Solicitation for the procurement of a
Large Format Latex Ink Technology Printer

Pages: 9
Attachments: 2

All questions related to this bid shall be directed towards the state purchasing agents listed in this bid sheet and will be addressed through the required addendum process.

GENERAL:

The following specification is for one (1) Large Format Latex Technology Printer, HP Model Latex 365 Printer, for the RIDOT Division of Highway & Bridge Maintenance to use in the production of FHWA compliant traffic signs, vehicle graphics, and other high quality printed products. The unit shall be the latest current model of standard design manufactured, complete with all standard equipment, special tools and warranties. Bidders are to supply the latest printed literature and detailed specifications on equipment the bidder purposes to furnish. All specifications listed within this bid packet are minimum requirements.

UNIT DATA AND SPECIFICATIONS:

Technical Data Chart (Refer to Attachment 1)

Printing	Minimum Required Printing Modes	91 m ² /hr (980 ft ² /hr) - Max Speed (1 pass) 31 m ² /hr (334 ft ² /hr) - Outdoor High Speed (4 pass) 23 m ² /hr (248 ft ² /hr) - Outdoor Plus (6 pass) 17 m ² /hr (183 ft ² /hr) - Indoor Quality (8 pass) 14 m ² /hr (151 ft ² /hr) - Indoor High Quality (10 pass) 6 m ² /hr (65 ft ² /hr) - Backlits, Textiles, and Canvas (16 pass) 5 m ² /hr (54 ft ² /hr) - High Saturation Textiles (20 pass)
	Print Resolution	At Least 1200 x 1200 DPI
	Margins	5 x 5 x 0 x 0 mm (0.2 x 0.2 x 0 x 0 in)(without edge holders)
	Ink Types	Latex Inks
	Ink Cartridges	Black, Cyan, Light Cyan, Light Magenta, Magenta, Yellow, Latex Optimizer
	Cartridge Size	775 ML or greater
	Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 Latex Optimizer)
	Color Consistency	Average <= 1 dE2000, 95% of colors <= 2 dE2000
Media	Handling	Roll feed; take-up reel; automatic cutter (for vinyl, paperbased media, backlit polyester film)
	Media Types	Engineer Grade, High Intensity Primatic, Diamond Grade Reflective Sheeting, self-adhesive vinyls, films, fabrics, papers, wallcoverings, canvas, synthetics, mesh, textiles.
	Roll Size	254 to 1625-mm (10 to 64-in) rolls (580 to 1625-mm (23 to 64-in) rolls with full support)
	Roll Weight	42 kg (92.6 lb)
	Roll Diameter	250 mm (9.8 in)
	Thickness	Up to 0.5 mm (19.7 mil)

SOLICITATION NUMBER 7598673: HP LATEX 365 PRINTER FOR MAINTENANCE SIGN SECTION

Applications	Traffic Signage, Banners, Displays, Double-sided banners, Exhibition and event graphics, Exterior signage, Indoor posters, Interior decoration, Light boxes – film, Light boxes – paper, Murals, POP/POS, Posters, Textile, Vehicle graphics	
Connectivity	Interfaces (Standards)	Gigabit Ethernet (1000Base-T)
Dimensions (W x D x H)	Printer	2561 x 840 x 1380 mm (101 x 33 x 54 in)
	Operating Area	2761 x 1840 mm (109 x 72 in)
Environmental Ranges	Operating Temp	15 to 30°C (59 to 86°F)
	Operating Humidity	20 to 80% RH (non-condensing)
Acoustic	Sound Pressure	(Max) 55 dB(A) (printing); 39 dB(A) (ready); < 15 dB(A) (sleep)
	Sound Power	(Max) 7.4 B(A) (printing); 5.7 B(A) (ready); < 3.5 B(A) (sleep)
Power	Consumption	4.6 kW (printing); 85 watts (ready); < 2.5 watts (sleep)
	Requirements	Input voltage (auto ranging) 200 to 240 VAC (-10% +10%) two wires and PE; 50/60 Hz (+/- 3 Hz); two power cords; 16 A max per power cord.
Certification	Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive),
	Environmental	ENERGY STAR, WEEE, REACH, EPEAT Bronze, OSHA, CE marking compliant Printer and inks cannot require any ventilation per USA OSHA requirements UL Greenguard Gold certification UL 2818 for indoor air emissions
Warranty	3 Year Hardware Warranty 3M MCS Warranty for Reflective Films	

Other Specifications

- Print heads must be user-replaceable
- ICC and media profiles must be free, available online, and downloadable.
- Printer must have built-in spectrophotometer and be capable of automatically writing its own ICC profiles.
- Printer must have an Optical media Advance Sensor for accurate media advance.

PARTS, ACCESSORIES, SUPPLIES (STANDARD/NON-STANDARD)

- (2) Sets of Print heads
- Maintenance Cartridge(s) if applicable
- Ink Collector
- Output Platen Protector
- Printer Stand
- Spindles (2 IN and 3 IN)
- Take-Up Reel
- Variable Front Tension Kit
- Loading Accessory
- User Maintenance Kit
- Edge Holders
- Quick Reference Guide & Setup Poster
- Documentation Software
- Power Cords
- (2) Full Sets of 775ml Ink Cartridges
- SAi FlexiPrint Traffic Edition Software

Bidders must have online, 24/7 ordering of all printer supplies and must have a stocking location within 150 miles for all supplies.

CONNECTIVITY AND SOFTWARE REQUIREMENTS

- Must be compatible with Microsoft Windows 7 64-bit and higher
- RIP Software must be compatible with standard raster and vector image formats

TRAFFIC PRINTING COMPLIANCE / REQUIRED SAMPLE SUBMISSION

Printer must be capable of producing signs that meet FHWA and MUTCD specifications for uniform color and reflectivity. (23 CFR 655)

Bidder shall submit 6-8 decal cut, printed, acceptable samples that demonstrate the following:

- FHWA/MUTCD Compliant Red, Blue, Green, and Brown with White Legend on both 3M High Intensity Prismatic and 3M Diamond Grade with a clear over laminate 3M 1170C
- FHWA/MUTCD Compliant Pink and Purple on 3M Diamond Grade with a clear over laminate 3M 1170C
- FHWA/MUTCD Compliant Black Legend on both Yellow and Orange 3M High Intensity Prismatic 3M Diamond Grade with a clear over laminate 3M 1170C
- FHWA/MUTCD Compliant Black Legend on Fluorescent Yellow, Fluorescent Orange, and Fluorescent Yellow-Green 3M Diamond Grade with a clear over laminate 3M 1170C

INK CARTRIDGE RECYCLING OR DISPOSAL

Manufacturer shall provide instruction for free and safe disposal or recycling options for empty ink cartridges, as applicable.

MANUALS:

Vendor shall provide current editions of all relevant unit manuals. This shall include but not be limited to operating, maintenance, diagnostic, wiring, troubleshooting, repair and parts manuals for all components. These shall be supplied in both hardcopy and electronic formats. They shall consist of the following: shop manual, parts manual including exploded views of major components with their part numbers, wiring diagram, operator's manual, and a summary of warranties offered in excess of the standard one year. The manuals shall fully and clearly cover all components and shall also include comprehensive trouble shooting and diagnosis information for all functions. Shop manual shall explain, in detail, procedures for overhauling all major components. These shall be supplied in both hardcopy and electronic formats.

Any deviations from this system shall be noted on the bid and approved by the RIDOT Division of Highway & Bridge Maintenance Administration. A complete system description and product literature for major components shall accompany the bid.

Failure to provide manuals may result in 5 percent of total bid being withheld.

TRAINING:

A comprehensive "hands on" operator/technician on-site training session shall be provided at RIDOT Division of Highway & Bridge Maintenance Headquarters. The comprehensive training session topics will be coordinated through RIDOT Traffic section and may include but are not limited to unit assembly/disassembly, installation of required software, production of traffic signs, operation, basic/advanced functions, and routine maintenance of all components. The training session shall accommodate at least 5 employees and must be scheduled within one week of installation.

Post-training, bidders shall have telephone technical support available from 8AM Eastern until 5 PM Pacific time.

INSTALLATION:

Installation shall include the complete assembly and setup of unit as well as all related accessories and computer software. Required advance preparation shall be coordinated with RIDOT Traffic section.

Bidders shall be approved vendors of all software, plotters, laminators and any other products on the bids with certified installers for all products.

DELIVERY SCHEDULE:

Delivery shall be completed within ninety (90) days of the successful proposal. All bidders shall provide as part of their bid a schedule for the delivery of all units to RIDOT 360 Lincoln Ave, Warwick, RI 02888. This date shall be listed as the number of days following issuance of a Notice-to-Proceed that the bidder shall successfully deliver all units to the Rhode Island Department of Transportation. Failure to submit a schedule will result in the bid being considered non-responsive. Failure to meet the schedule will result in 3% retention on the total order.

CONCLUDING STATEMENTS: Responses to this solicitation must be submitted in duplicate and each page shall be numbered (ex. 1 of X) and include the vender's name. Bids must be predicated on the basis of the bidder's full and unencumbered title to the unit as of the date of delivery to the State. Bids subject to lien or assignment at the time of delivery to the State, or which stipulate third party or joint payment, will be rejected. Notwithstanding the above, the State reserves the right not to award this contract or to award on the basis of cost alone, to accept or reject any or all proposals, and to award in its best interest. The State may, at its sole option, elect to require comprehensive presentation(s) by offerors clearly in consideration for award.

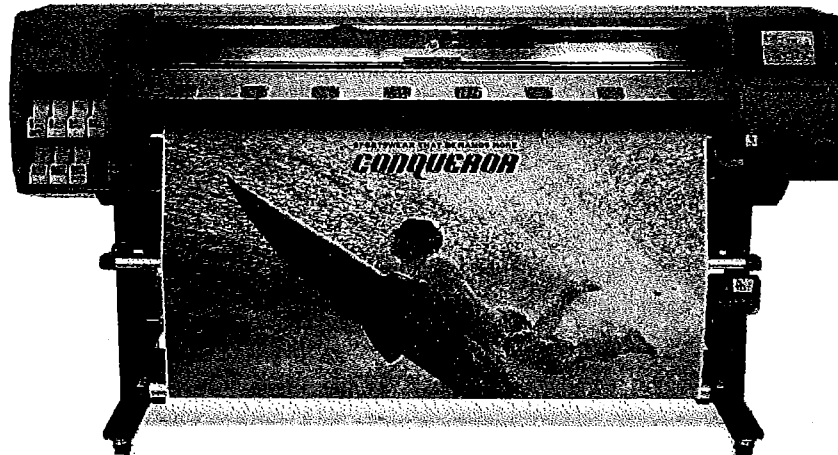
End of Specification

Attachment 1 –Page 1



HP Latex 365 Printer

Maximize your versatility with this full-feature, 1.63-m (64-in) HP Latex printer



*Water-based HP Latex Technology is unique, delivering a combination of true application versatility, high image quality and high productivity, and a sustainable approach that's better for your operators, your business, and the environment.**

Expand your applications—beat client expectations

- Print on traditional signage substrates and beyond—up to 1.63 m (64 in)—print textiles with the ink collector²
- Reach new indoor spaces that solvent can't, like healthcare—water-based HP Latex ink prints are odorless
- Enjoy efficient, automated double-sided banner printing
- Produce sharp, consistent, repeatable image quality with high-efficiency curing, 6 colors, and 1200 dpi

Same day delivery—for highly demanding turnarounds

- High quality at high speeds—31 m² (334 ft²)/hr high-speed outdoor quality with HP OMAS, HP Latex Optimizer³
- Reach production speeds and avoid wait time—prints come out completely dry and ready to finish and deliver
- Gain productivity—reduce time between jobs with continuous printing
- You can minimize damage risk—scratch resistance is comparable to hard-solvent inks on SAV and PVC banner⁴

Keep your running costs low—boost your capacity

- Increase production time and reduce time monitoring the printer—automatic, reliable, low-maintenance printing
- Save time—HP Custom Substrate Profiling and 11 embedded spectrophotometer make ICC profiling automatic⁵
- Maintain high image quality over the life of the printer with user-replaceable HP Thermal Inkjet printheads
- Monitor your printer remotely with the free HP Latex Mobile app⁶

For more information, please visit
hp.com/go/Latex365

Join the community, find tools, and talk to experts.
Visit the HP Latex Knowledge Center at
hp.com/communities/LKC

* Based on a comparison of HP Latex ink technology to competitors with leading market share as of December, 2013 and analysis of published MSDS/SDSs and/or internal evaluation. Performance of specific attributes may vary by competitor and ink technology formulation.
² Performance may vary depending on media—for more information, see hp.com/go/mediasolutionscenter. For best results, use textiles that do not stretch. The ink collector is required for porous textiles.
³ Banner-quality prints in outdoor (4-pass 4-color) mode.
⁴ Estimates by HP Image Performance Lab on a range of media. Scratch-resistance comparison based on testing HP Latex inks and representative hard-solvent inks. Outdoor display performance tested according to SAE J2327 using HP Latex inks on a range of media, including HP media in a vertical display orientation in simulated optimal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change. Laminated displays enhance using HP Clear Gloss Overlaminate. Results may vary based on specific media performance.
⁵ ICC profiling with the spectrophotometer does not support coated textiles and fabrics.
⁶ HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smart phone or tablet to be connected to the Internet.

Attachment 1 – Page 2

HP Latex 365 Printer

Technical specifications

Printing	Printing modes	91 m ² /hr (980 ft ² /hr) - Max Speed (1 pass)
		31 m ² /hr (334 ft ² /hr) - Outdoor High Speed (4 pass)
		23 m ² /hr (248 ft ² /hr) - Outdoor Plus (6 pass)
		17 m ² /hr (183 ft ² /hr) - Indoor Quality (8 pass)
		14 m ² /hr (151 ft ² /hr) - Indoor High Quality (10 pass)
		6 m ² /hr (65 ft ² /hr) - Backlit, Textiles, and Canvas (16 pass)
	5 m ² /hr (54 ft ² /hr) - High Saturation Textiles (20 pass)	
	Print resolution	Up to 1200 x 1200 dpi
	Margins	5 x 5 x 0 x 0 mm (0.2 x 0.2 x 0 x 0 in) (without edge holders)
	Ink types	HP Latex Inks
Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer	
Cartridge size	775 ml	
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer)	
Color consistency*	Average <= 1 dE2000, 95% of colors <= 2 dE2000	
Media	Handling	Roll feed; take-up reel; automatic cutter (for vinyl, paper-based media, backlit polyester film)
	Media types	Banners, self-adhesive vinyls, films, fabrics, papers, wall-coverings, canvases, synthetics, mesh, textiles
	Roll size	254 to 1625-mm (10 to 64-in) rolls (580 to 1625-mm (23 to 64-in) rolls with full support)
	Roll weight	42 kg (92.6 lb)
	Roll diameter	250 mm (9.8 in)
	Thickness	Up to 0.5 mm (19.7 mil)
	Applications	Banners, Displays, Double-sided banners, Exhibition and event graphics, Exterior signage, Indoor posters, Interior decoration, Light boxes – film, Light boxes – paper, Murals, POP/POS, Posters, Textile, Traffic signage, Vehicle graphics
Connectivity	Interfaces (standard) Gigabit Ethernet (1000Base-T)	
Dimensions (w x d x h)	Printer	2561 x 840 x 1380 mm (101 x 33 x 54 in)
	Shipping	2795 x 760 x 1250 mm (110.1 x 30 x 49.3 in)
	Operating area	2761 x 1840 mm (109 x 72 in)
Weight	Printer	216 kg (476 lb)
	Shipping	303.5 kg (671.5 lb)
What's in the box	HP Latex 365 Printer, print heads, maintenance cartridge, ink collector, output platen protector, printer stand, spindle, take-up reel, variable front tension kit, loading accessory, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, power cords	
Environmental ranges	Operating temperature	15 to 30°C (59 to 86°F)
	Operating humidity	20 to 80% RH (non-condensing)
Acoustic	Sound pressure	55 dB(A) (printing); 39 dB(A) (ready); < 15 dB(A) (sleep)
	Sound power	7.4 B(A) (printing); 5.7 B(A) (ready); < 3.5 B(A) (sleep)
Power	Consumption	4.6 kW (printing); 85 watts (ready); < 2.5 watts (sleep)
	Requirements	Input voltage (auto ranging) 200 to 240 VAC (-10% +10%) two wires and PE; 50/60 Hz (+/- 3 Hz); two power cords; 16 A max per power cord
Certification	Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD) and EN 60950-1 compliant; Russia, Belarus, and Kazakhstan (EAC); Australia and New Zealand (RCM)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI)
	Environmental	ENERGY STAR, WEEE, RoHS (EU), China, Korea, India, Ukraine, Turkey, REACH, EPEAT Bronze, OSHA, CE marking compliant
Warranty	One-year limited hardware warranty	

Ordering information

Product	VBL39A	HP Latex 365 Printer
Accessories	F0M56A	HP Latex 64-in Printer 2-in Spindle
	F0M58A	HP Latex 64-in Printer 3-in Spindle
	F0M59A	HP Latex 300/500 User Maintenance Kit
	T7U74A	HP Latex 300/500 Ink Collector
Original HP printheads	CZ677A	HP 831 Cyan/Black Latex Printhead
	CZ678A	HP 831 Yellow/Magenta Latex Printhead
	CZ679A	HP 831 Light Magenta/Light Cyan Latex Printhead
	CZ680A	HP 831 Latex Optimizer Printhead
Original HP Ink cartridges and maintenance supplies	CZ682A	HP 831A 775-ml Black Latex Ink Cartridge
	CZ683A	HP 831A 775-ml Cyan Latex Ink Cartridge
	CZ684A	HP 831A 775-ml Magenta Latex Ink Cartridge
	CZ685A	HP 831A 775-ml Yellow Latex Ink Cartridge
	CZ686A	HP 831A 775-ml Light Cyan Latex Ink Cartridge
	CZ687A	HP 831A 775-ml Light Magenta Latex Ink Cartridge
	CZ706A	HP 831 775-ml Latex Optimizer Ink Cartridge
	CZ681A	HP 831 Latex Maintenance Cartridge
Original HP Large format printing materials	HP printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability.	
	HP Permanent Gloss Adhesive Vinyl REACH [®]	
	HP Backlit Polyester Film [®]	
	HP PVC-free Durable Smooth Wall Paper REACH [®] FSC [®] certified, ²¹ UL GREENGUARD GOLD Certified ²²	
		HP Premium Poster Paper [®] FSC [®] certified ²¹
For the entire HP Large Format Printing Materials portfolio, please see HPLMedia.com .		
Service and support	USJE3E	HP 2 year Next Business Day with Defective Media Retention HW Support
	USJE4E	HP 3 year Next Business Day with Defective Media Retention HW Support
	USJE7PE	HP 1 year Post Warranty Next Business Day with Defective Media Retention HW Support
	USJE8PE	HP 2 year Post Warranty Next Business Day with Defective Media Retention HW Support

* The color variation inside a printed job has been measured to be within this limit; maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under D50 standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5014-6/12/2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

²¹ This product does not contain substances listed as SVHC (15E) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP.Printing.Products.and.Consumable.Supplies.

²² HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See HPLMedia.com/HP/ecosolutions for details.

²³ HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See HPLMedia.com/HP/ecosolutions for details.

²⁴ HP trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

²⁵ UL GREENGUARD GOLD Certification to UL 2819 demonstrates that the products are certified to UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org.



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4AA6-5971ENA, September 2016



Attachment 2 – Page 1

December 2017

3M™ MCS™ Warranty for Traffic Matrix for HP Latex 360/365 Printers

Table B. MCS Warranty for Traffic¹ Warranty Period and Limited Remedy Matrix for signs containing the standard traffic colors red, blue, green, brown, and purple^{2,3} legends, text, patterns, and symbols printed with HP Latex 360/365 printers, measured from Fabrication Date in years.

Sheeting	Matched Components			Warranty Type and Period [years from Fabrication Date]			Limited Remedy Type and Period [years from Fabrication Date]	
	Printed Traffic Color	Ink	Clear Overlay Film	Legibility Warranty	Retroreflection Retention Warranty		Sign Restoration	Materials Replacement
					80% of R _A Benchmark	70% of R _A Benchmark		
3M High Intensity Prismatic Digital Sheeting 3930	Red, blue, green, and brown	HP Series 831/871	3MElectroCut™ Film 1170C	0-10	0-7 ^a	8-10 ^a	0-7	8-10
3MDiamond Grade™ DG ² Reflective Sheeting 4090	Red, blue, green, and brown	HP Series 831/871	3MElectroCut Film 1170C	0-12	0-7 ^b	8-12 ^b	0-7	8-12
3MDiamond Grade DG ² Reflective Sheeting 4090	Purple	HP Series 831/871	3MElectroCut Film 1170C	0-8	0-5 ^b	6-8 ^b	0-5	6-8

- a. The R_A benchmark is 70% of the coefficient of retroreflection for each standard traffic color, as defined in ASTM D4956, Type IV.
- b. The R_A benchmark is 70% of the coefficient of retroreflection for each standard traffic color, as defined in ASTM D4956, Type XI.

3M, MCS, and Diamond Grade are trademarks of 3M. Used under license in Canada. All other trademarks are the property of their respective owners.

1. For information on the 3M MCS Warranty for Traffic, including Legibility Warranty and Retroreflection Retention Warranty, its terms and conditions, and the limited remedy, please refer to the [3M Digitally-Imaged Sign Warranty Bulletin](#).
2. As defined in ASTM D4956.
3. Must be printed according to the requirements including printer settings and profiles given in [3M Information Folder 118](#) to qualify for the MCS Warranty for Traffic.



Transportation Safety Division
3M Center, Building 0225-04-N-14
St. Paul, MN 55144-1000 USA

Phone 1-800-553-1380
Web 3M.com/roadwaysafety

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Attachment 2 – Page 2

December 2017

3M™ MCS™ Warranty for Traffic Matrix for HP Latex 360/365 Printers

Table B. MCS Warranty for Traffic¹ Warranty Period and Limited Remedy Matrix for signs containing the standard traffic colors red, blue, green, brown, and purple^{2,3} legends, text, patterns, and symbols printed with HP Latex 360/365 printers, measured from Fabrication Date in years.

Sheeting	Matched Components			Warranty Type and Period [years from Fabrication Date]			Limited Remedy Type and Period [years from Fabrication Date]	
	Printed Traffic Color	Ink	Clear Overlay Film	Legibility Warranty	Retroreflection Retention Warranty		Sign Restoration	Materials Replacement
					80% of R _A Benchmark	70% of R _A Benchmark		
3M High Intensity Prismatic Digital Sheeting 3930	Red, blue, green, and brown	HP Series 831/871	3M ElectroCut™ Film 1170C	0-10	0-7 ^a	8-10 ^a	0-7	8-10
3M Diamond Grade™ DG ³ Reflective Sheeting 4090	Red, blue, green, and brown	HP Series 831/871	3M ElectroCut Film 1170C	0-12	0-7 ^b	8-12 ^b	0-7	8-12
3M Diamond Grade DG ³ Reflective Sheeting 4090	Purple	HP Series 831/871	3M ElectroCut Film 1170C	0-8	0-5 ^b	6-8 ^b	0-5	6-8

- a. The R_A benchmark is 70% of the coefficient of retroreflection for each standard traffic color, as defined in ASTM D4956, Type IV.
- b. The R_A benchmark is 70% of the coefficient of retroreflection for each standard traffic color, as defined in ASTM D4956, Type XI.

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1. For information on the 3M MCS Warranty for Traffic, including Legibility Warranty and Retroreflection Retention Warranty, its terms and conditions, and the limited remedy, please refer to the [3M Digitally-Imaged Sign Warranty Bulletin](#).
2. As defined in ASTM D4956.
3. Must be printed according to the requirements including printer settings and profiles given in [3M Information Folder 11R](#) to qualify for the MCS Warranty for Traffic.



Transportation Safety Division
3M Center, Building 0225-04-N-14
St. Paul, MN 55144-1000 USA

Phone 1-800-553-1380
Web 3M.com/roadwaysafety

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BID NUMBER #7598673

BIDDING (a) A single price shall be quoted for each item against which a proposal is submitted. This price will be the maximum in effect during the agreement period. Any price decline at the manufacturer's level shall be reflected in a reduction of the agreement price to the State. (b) Quantities, if any, are estimated only. The agreement shall cover the actual quantities ordered during the period. Deliveries will be billed at the single, firm, awarded unit price quoted regardless of the quantities ordered. (c) Bid price is net F.O.B. destination and shall include inside delivery at no extra cost. (d) Bids for single items and/or a small percentage of total items listed, may, at the State's sole option, be rejected as being non-responsive to the intent of this request. **ORDERING** (a) The User Agency(s) will submit individual orders for the various items and various quantities as may be required during the agreement period. (b) Exception - Regardless of any agreement resulting from this bid, the State reserves the right to solicit prices separately for any extra large requirements for delivery to specific destinations.

RIVIP

IT IS THE VENDOR'S RESPONSIBILITY TO CHECK AND DOWNLOAD ANY AND ALL ADDENDA FROM RIVIP. THIS OFFER MAY NOT BE CONSIDERED UNLESS A SIGNED RIVIP GENERATED BIDDER CERTIFICATION COVER FORM IS ATTACHED AND THE UNIT PRICE COLUMN IS COMPLETE. THE SIGNED CERTIFICATION COVER FORM MUST BE ATTACHED TO THE FRONT OF THE OFFER. WHEN DELIVERING OFFERS IN PERSON TO ONE CAPITOL HILL, VENDORS ARE ADVISED TO ALLOW AT LEAST ONE HOUR ADDITIONAL TIME FOR CLEARANCE THROUGH SECURITY CHECKPOINTS.

THIS OFFER MAY NOT BE CONSIDERED UNLESS BIDDER CERTIFICATION COVER FORM IS ATTACHED AND THE UNIT PRICE COLUMN IS COMPLETED.

VENDOR SPEC

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.

PABID

(a) A SINGLE PRICE SHALL BE QUOTED FOR EACH ITEM AGAINST WHICH A PROPOSAL IS SUBMITTED. THIS PRICE WILL BE THE MAXIMUM IN EFFECT DURING THE AGREEMENT PERIOD. ANY PRICE

DECLINE AT THE MANUFACTURE'S LEVEL SHALL BE REFLECTED
INA REDUCTION OF THE AGREEMENT PRICE TO THE STATE .

- (b) QUANTITIES, IF ANY, ARE ESTIMATED ONLY. THE AGREEMENT SHALL COVER THE ACTUAL QUANTITIES ORDERED DURING THE PERIOD. DELIVERIES WILL BE BILLED AT THE SINGLE, FIRM, AWARD UNIT PRICE QUOTED REGARDLESS OF THE QUANTITIES ORDERED.
- (c) BID PRICE IS NET F.O.B. DESTINATION AND SHALL INCLUDE INSIDE DELIVERY AT NO EXTRA COST.
- (d) BIDS FOR SINGLE ITEMS AND/OR A SMALL PERCENTAGE OF TOTAL LIST, MAY, AT THE STATE'S SOLE OPTION, BE REJECTED AS BEING NON-RESPONSIVE TO THE INTENT OF THIS REQUEST.