

Website: www.keralapsc.org  
E-mail: kpsc@keralapsc.org



Phone: 0471 - 2443068  
F A X : 0471 - 2448988

## KERALA PUBLIC SERVICE COMMISSION

No. R&AI (3)46848/05/GW

Thiruvananthapuram  
Dated: 20/07/2014

### QUOTATION NOTICE

Sealed Quotations are invited for the supply of printers with following specification

### SCHEDULE OF ITEMS

| Item & Specification   | Quantity |
|--|----------|
| HP Deskjet Ink Advantage 3545 e All in one Printer<br>(specification separately attached ) | 1        |

Superscription : -- Quotation No. **16/2014**  
Last Date and Time for the receipt of Quotation -- 1.00 P.M. On **02/07/2014.**  
Date and Time for opening the quotation -- 3.00 P.M. On **02/07/2014**

Secretary, K P S C,  
Pattom, Thiruvananthapuram.

### TERMS AND CONDITIONS

- 1 Rates quoted will be inclusive of all taxes.
- 2 Brand Name shall be clearly mentioned.
- 3 The rates quoted shall be firm for three months.
- 4 The items should be supplied immediately on receipt of the supply order.
- 5 The right to reject any quotation in full or in part without assigning any reason thereof is reserved with the purchasing authority.
- 6 Separate supply order will be given as and when the items are required
- 7 Warranty shall be two years

**P.C.BINOY,**  
**SECRETARY,**  
**KERALA PUBLIC SERVICE COMMISSION**

Note:- More details can be had from the Office of Joint Secretary,  
R&A Wing, KPSC.



# HP Deskjet Ink Advantage 3545 e-All-in-One Printer

## TECHNICAL SPECIFICATIONS

|                                   |  |
|-----------------------------------|--|
| Functions                         | Print, copy, scan, photo   |
| Print Technology                  | HP Thermal Inkjet  |
| Standard Printer Languages        | HP PCL 3 GUI   |
| Print Speed                       | <b>Black (ISO):</b> Up to 8.8 ppm <sup>1</sup> <b>Black (draft, A4):</b> Up to 21 ppm <b>Black (draft, letter):</b> Up to 21 ppm; <b>First Page Out Black (A4, ready):</b> As fast as 19 sec; <b>Color (ISO):</b> Up to 5.2 ppm <sup>1</sup> <b>Color (draft, A4):</b> Up to 17 ppm; <b>Color (draft, letter):</b> Up to 17 ppm; <b>First Page Out Color (A4, ready):</b> As fast as 24 sec  |
| Print Resolution                  | <b>Black (best):</b> Up to 1200 x 600 rendered dpi (when printing from a computer) <b>Color (best):</b> Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)   |
| Number Of Print Cartridges        | 2 total (1-black, 1 tri-color cyan, magenta, yellow)   |
| Recommended Monthly Page Volume   | 300 to 400 <sup>2</sup>  |
| Duty Cycle                        | <b>Monthly, A4:</b> Up to 1000 pages <sup>3</sup>  |
| Borderless Printing               | Yes (up to 8.5 x 11 in., 216 x 297 mm)   |
| Copy Speed                        | <b>Black (ISO):</b> Up to 6 cpm <sup>4</sup> ; <b>Color (ISO):</b> Up to 4 cpm <sup>4</sup>  |
| Copy Resolution                   | <b>Black Text and Graphics:</b> 600 x 600 dpi; <b>Color:</b> 600 x 1200 dpi  |
| Maximum Number Of Copies          | Up to 50 copies  |
| Copier Resize                     | 25 to 400%   |
| Copier Settings                   | Start Black Copy Start Color Copy Number of Copies, 2-sided, Paper Type, Resize, ID Card Copy, Lighter/Darker  |
| Scan Type/Technology              | Flatbed, CIS   |
| Scan Resolution                   | <b>Hardware:</b> Up to 1200 x 2400 ppi; <b>Optical:</b> Up to 1200 dpi; <b>Enhanced Scan Resolution:</b> Up to 2400 dpi  |
| Gray Scale Levels/Bit Depth       | 256, 24-bit  |
| Digital Sending Standard Features | Scan to email [via printer control app] From software: Scan to file, Scan to email   |
| Scan File format                  | PDF, BMP, PNG, TIF, JPG  |
| Scan Input Modes                  | Front-panel scan, Front-panel copy, HP Scan software   |
| Scan Size Maximum                 | <b>ADF:</b> Does Not Apply; <b>Flatbed:</b> 216 x 297mm, 8.5 x 11.7 in   |
| Standard Connectivity             | 1 Hi-Speed USB 2.0, 1 WiFi 802.11n   |
| Network Ready                     | Standard (built-in WiFi 802.11b/g/n)   |
| Wireless Capability               | Yes  |
| HP auto wireless connect          | Yes  |
| Mobile Printing Capability        | Features wireless direct and local Wi-Fi connectivity to enable mobile printing via HP ePrint, Apple AirPrint™ as well as other solutions. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, BlackBerry, Symbian, Windows 8, Windows RT.  |
| Processor Speed                   | 360 MHz  |
| Memory                            | 32MB DDR1 Memory   |
| Media Types Supported             | Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media  |
| Media Sizes Supported             | A4, A5, B5, DL, C6, A6<br>Letter, legal, 4 x 6 in., 5 x 7 in., 8 x 10 in. No. 10 envelopes   |
| Media Sizes Custom                | 76 x 127 to 216 x 356 mm<br>3 x 5 to 8.5 x 14 in   |
| Media Weight Supported            | 64 to 90 g/m <sup>2</sup><br>16 lb to 24 lb  |
| Paper Handling                    | Up to 100 sheets; 30-sheet output tray; <b>Duplex Options:</b> Automatic (standard); <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 1<br><b>Input Capacities:</b> Maximum input capacity: Up to 100 sheets legal, Up to 30 sheets photo paper, Up to 30 sheets 4x6 Photo, Up to 40 cards, Up to 10 envelopes<br><b>Output Capacities:</b> Maximum output capacity: Up to 30 sheets legal, Up to 10 sheets photo paper, Up to 5 envelopes |

|                              |   |
|------------------------------|---|
| What's In The Box            | A9T81A HP Deskjet Ink Advantage 3545 e-All-in-One; HP 662 Black Ink Cartridge (~120 pages); HP 662 Tri-color Ink Cartridge (~100 pages); Software CD, Setup Poster, power cord, 1.8-meter USB cable (for Chile ONLY). [Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see hp.com/go/learnaboutsupplies]  |
| Display description          | 5 cm (2.0") Hi-Res Mono LCD   |
| Supplies                     | <b>CZ103AL</b> HP 662 Black Original Ink Advantage Cartridge<br>Average cartridge yield 120 pages<br><b>CZ104AL</b> HP 662 Tri-color Original Ink Advantage Cartridge<br>Average cartridge yield 100 pages<br><b>CZ105AL</b> HP 662XL High Yield Black Original Ink Advantage Cartridge<br>Average cartridge yield 360 pages<br><b>CZ106AL</b> HP 662XL High Yield Tri-color Original Ink Advantage Cartridge<br>Average cartridge yield 330 pages<br>Approximate yield. Actual yield depends on printer and specific use. See hp.com/go/pageyield for more information   |
| Software included            | HP Photo Creations  |
| Compatible Operating Systems | Windows 8, Windows 7, Windows Vista, Windows XP SP3 or higher (32-bit only), Mac OS X v10.6, Lion, Mountain Lion  |
| Minimum System Requirements  | <b>PC:</b> Windows 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer, Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer, Windows XP SP3 or higher (32-bit only), any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 750 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6<br><b>Mac:</b> Mac OS X v10.6, OS X Lion, OS X Mountain Lion, Intel® Core™ Processor, 1 GB HD, CD-ROM/DVD or Internet, USB |
| Acoustics                    | <b>Acoustic Power Emissions:</b> 6.4 B(A) (printing at 6 PPM), <b>Acoustic Pressure Emissions:</b> 5.1 dB(A) (printing at 6 PPM)  |
| Power                        | <b>Power Supply Type:</b> Built-in Universal Power Supply<br><b>Power Requirements:</b> 100-240 V (+/-10%), 50/60 Hz (+/-3 Hz)<br><b>Power Consumption:</b> 13.07 watts (printing), 2.51 watts (ready), 0.70 watts (sleep), 0.20 watts (off) <sup>5</sup>   |
| Operating Environment        | <b>Operating Temperature Range:</b> 5 to 40°C<br><b>Recommended Operating Temperature:</b> 15 to 32°C<br><b>Storage Temperature Range:</b> -40 to 60°C<br><b>Recommended Humidity Operating Range:</b> 20 to 80% RH<br><b>Non-Operating Humidity Range:</b> 17 to 90% RH (non-condensing)<br><b>Operating Humidity Range:</b> 15 to 80% RH (non-condensing)   |
| ENERGY STAR Qualified        | Yes   |
| Product Dimensions           | <b>W x d x h:</b> 445 x 334 x 120 mm, 17.52 x 13.15 x 4.72 in<br><b>Maximum:</b> 445 x 608 x 390 mm, 17.52 x 23.94 x 15.35 in   |
| Product Weight               | 5.49 kg<br>12.32 lb   |
| Warranty                     | One-year limited hardware warranty, 24-hour, 7 days a week phone support  |
| Service And Support Options  | <b>UG295E</b> - HP 2 year Care Pack w/Return to Depot Support for Multifunction Printers<br><b>UG235E</b> - HP 3 year Care Pack w/Return to Depot Support for Multifunction Printers<br><b>UG587PE</b> - HP 1 year Post Warranty Care Pack w/Return to Depot Support for Multifunction Printers<br><b>HC346PE</b> - HP 1 year User Assistance Support   |

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HP Deskjet Ink Advantage 3545 e-All-in-One Printer A9T81A

<sup>1</sup>Either after first page or after first set of ISO test pages. For details see hp.com/go/printerclaims

<sup>2</sup>HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement

<sup>3</sup>Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

<sup>4</sup>Speed specifications have been updated to reflect current industry testing methods.

<sup>5</sup>Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems. See hpconnected.com. HP ePrint requires account registration. HP ePrint-enabled printer, internet connection, and a wireless-enabled mobile device or internet-connected computer with email capability. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X®, Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows® is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research In Motion Limited. Android is a trademark of Google Inc.

<sup>6</sup>Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

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