

No.A3/2937/2011/F&B

“SURAKSHA BHAVAN”,  
OFFICE OF THE DIRECTOR OF  
FACTORIES AND BOILERS,  
KUMARAPURAM,  
THIRUVANANTHAPURAM -11,  
DATED: -12-2014

**QUOTATION NOTICE**

Sealed quotations are invited from the Manufacturers/Suppliers for the supply and install the following branded items separately to the office of the Occupational Health & Research Centre, Assramam, Kollam.

1	Printer (Laser Printer)	5 Nos.
2	Printer Dot Matrix	1 Nos.
3	Scanner (A3)	1 Nos.

More details can be had from the Directorate of Factories & Boilers, Thiruvananthapuram on all working days till 07-01-2015, 01.00 pm. Interested parties may submit their quotations directly to the Director of Factories & Boilers, Suraksha Bhavan, Medical College. P.O, Kumarapuram, Thiruvananthapuram – 11 on or before 07-01-2015, 02.00 pm. Quotations will be opened on the same day 02.00 pm. The undersigned reserves the right to accept/reject the quotations without assigning any reason thereof. The quotation is also available in the official website [www.fabkerala.gov.in](http://www.fabkerala.gov.in)

Sd/-

**DIRECTOR OF FACTORIES AND BOILERS**

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## Specifications

### **1. PRINTER (Branded)**

Printer type	Monochrome Laser Printer
Resolution (dpi)	Horizontal 600, vertical 600
Print speed (ppm)	16 ppm
For text	Bi-direction
Input (Plain paper)	150
Paper size	A4

### **2. Printer Dot Matrix**

Printing Method Impact dot matrix

Number of Pins 9 pins

Number of columns 136 columns

Needles 9 Needles

Printing Speed NLQ: 12 cpi: 67 chars/s, 10 cpi: 56 chars/s, Draft: 12 cpi: 270 chars/s,  
10 cpi: 225 chars/s, HighSpeed-Draft: 12 cpi: 337 chars/s,  
10 cpi: 300 chars/s

Carbon Copies 4 plus one original

Printing Resolution 240 x 144 DPI

Interfaces RS-232, Bidirectional parallel, USB 2.0 Type B

Document Feed Single sheet rear, Continuous paper rear, Paper output rear, Optional Automatic Document Feed (CSF): 50

Paper Formats Sheet Paper (single- and multi-layer), Continuous Paper (single- and multi-layer), Labels (single- and multi-layer), Roll Paper, Envelopes

Energy Use 23 Watt

Energy Star Yes

Product dimensions 546 x 275 x 164 mm (Width x Depth x Height)

Product weight 6.6 kg

Temperature Operation 5° C - 35° C, Storage 5° C - 35° C

Humidity Operation 10% - 80%, Storage 10% - 80%

Compatible Operating Systems Windows 2000, Windows 7, Windows 8, Windows 98, Windows Server 2008 R2, Windows XP

Included Software Epson Status Monitor

Mean Time Between Failures 6,000 Hours

Print Head Life 400 Million Strokes/Wire

Sound Pressure Operation: 49 dB (A)

Memory                    64 kB Included  
Ribbon Yield            3000000 characters Black Draft

### **3. Scanner (A3)**

Scanner type :- Sheetfed, automatic document feeder (ADF), two-sided scanning with ADF  
Scan technology :- Charge Coupled Device (CCD), color scanning  
Light source (scanning) :- Xenon lamp  
Speed :- 7Up to 60 ppm (pages per minute), up to 120 ipm (images per minute)  
Duty cycle (daily) :- Up to 5,000 pages per day (A4/letter)  
Scan resolution :- Hardware: up to 600 x 600 dpi; Optical: up to 600 dpi  
Output resolution dpi settings :- 75, 100, 150, 200, 240, 300, 400, 500, 600  
Bit depth :- 48-bit internal/24-bit external  
Grayscale levels :- 256  
Scan input modes :- Quick start buttons to HP Smart Document Scan Software and HP  
Document Copy; software scan using HP Smart Document Scan  
Software; user application via TWAIN, ISIS, WIA, or Kofax VirtualReScan (VRS) Professional drivers  
Image scaling/enlargement range Media :- 1 to 999% in 1% increments  
Capacity8 :- 150-sheet ADF; retractable 150-sheet output tray  
Types :- Paper (plain, inkjet); envelopes; labels; cards (business, insurance, embossed, plastic ID, credit)  
Sizes :- A3, A4, A5, A8, B5; letter, legal, ledger, executive; custom sizes  
Weights :- 42 to 120 g/m<sup>2</sup> (11 to 32 lb)  
Maximum scan size Width: 300 mm (11.8 in); length: 864 mm (34 in)  
Minimum scan size Width: 51 mm (2 in); length: 74 mm (2.9 in)  
Advanced features :- HP Precision Feed technologies, ultrasonic multi-feed detection, auto rotate, switchable background, blank page removal, multi-color dropout, long page support  
File formats :- PDF (formatted text and graphics, normal with images, searchable image over text, MRC, PDF/A, password protection, encryption); TIFF (single page, multi-page, compressed); JPG, BMP, PNG, DOC, RTF, TXT, WPD, XLS, HTM, OPF, UNICODE TXT, XML, XPS  
Control panel :- Sleep button, 4-line LCD with 8 buttons: Tools, Cancel, Display Controls (Up, Down, OK, Back), Simplex Scan, Duplex Scan  
Connectivity :- Hi-Speed USB 2.0  
Management :- HP Web Jetadmin, Embedded Web Server  
Product dimensions :- (width x depth x height) Without trays extended: 475 x 365 x 295 mm (18.70 x 14.37 x 11.61 in) With trays extended (maximum): 475 x 740 x 420 mm (18.70 x 29.13 x 16.54 in)  
Product weight :- 16.40 kg (36.16 lb)  
Compatible operating systems9 :- Windows Vista, Windows Vista x64, Windows XP Home, Windows XP Professional, Windows XP Professional x64, Windows 2000  
Warranty :- 3 years