

Technical specifications for Multifunction Laser Fax Machines**Annexure - I**

Tender Enquiry no. BPL:COMM/FAX/GEN/2008/4

Tender date: 21/03/2009

S.No.	Functions/ Features	Description	Vendor Confirmation (Yes/No)
	Multifunction Laser Fax Machines	40 Nos.	
	MODEL QUOTED		
	MAKE		
	<u>TECHNICAL SPECIFICATION</u>		
1.0	Functions		
1.1	All in one function	Multifunction Laser Fax Machine have color scanning, black-and-white printing, black-and-white copying, black-and-white faxing, black-and-white scanning	
1.2	Multitasking capability	Yes	
2.0	<u>Print quality/technology</u>		
2.1	Print technology	Laser	
2.2	Print quality, black	Minimum 600 x 600 dpi	
2.3	Cartridges	1 (black)	
3.0	<u>Paper handling/media</u>		
3.1	Paper tray(s), standard	30- 50 sheet Automatic document feeder	
3.2	Input capacity, standard	Up to 250 sheets	
3.3	Duplex printing(printing on both sides of paper)	Manual (driver support provided)	
4.0	<u>Memory/print languages/typefaces</u>		
4.1	Memory, standard	32 MB	
5.0	<u>Scanner specifications</u>		
5.1	Scanner type	Sheetfed	
5.2	Scan resolution, hardware	600 x 600 dpi	
5.3	Level of grey scale	256	
5.4	Automatic document Feeder Capacity	Standard, 30-50 sheets	
6.0	<u>Copier specifications</u>		
6.1	Copy resolution, black	600 x 600 dpi	
6.2	Copy reduce/enlarge settings	50 to 200%	

6.3	Maximum number of copies	up to 99 copies	
7.0	<u>Fax Specifications</u>		
7.1	Fax transmission speed	standard	
7.2	Fax resolution, black (dots per inch)	300 x 300 dpi (half one enabled)	
7.3	Fax memory	Up to 110 pages	
7.4	Fax broadcast	Yes	
7.5	Fax delayed sending	Yes	
7.6	Fax forwarding	Yes to e-mail	
7.7	Junk fax barrier	Yes (secure FAX)	
7.8	Fax/phone/TAM interface	Yes	
7.9	Polling	Yes	
7.10	Remote retrieval	Yes	
7.11	Speed dial	Yes	
8.0	<u>Connectivity</u>		
8.10	Connectivity, standard	Hi-speed USB port	
8.2	Minimum system requirements	PC: Windows 2000, XP home, XP professional), Windows vista: any requirements Pentium II processor (Pentium III or greater recommended), 128 MB RAM, 250 MB hard disk space, SVGA 800 x 600 with 16-bit color disp	
9.0	<u>Compatible network operating systems</u>		
9.1	Compatible Operating Syatem	Windows 2000; Windows XP Home; Windows XP professional; Windows server 2003; Windows Vista (TM) ready; Mac OS X v 10.3 or higher	
9.2	All Cable included	Yes	
9.3	Software included	All the softwares necessary	
	GENERAL TERMS AND CONDITIONS		
10.0	<u>DETAILS TO BE INCLUDED IN THE OFFER</u>		
10.1	Technical literature catalogue of the equipment.		

10.2	List of customers alongwith customers full address date of supply to whom identical system have been supplied		
10.3	Detailed AMC proposal for period of four years to be quoted alongwith the offer beyond warranty period		
11.0	<u>INSPECTION AND TESTING</u>		
11.1	Live operational inspection at BHEL works for continuous 5 hrs operation and checking for quality of all types of usage & computer connectivity alongwith all accessories.		
11.2	Inspection and testing of the equipment, if required, shall be carried out by BHEL , before despatch		
12.3	Certificate for compliance to all quality standards for components and assemblies to be furnished.		
12.4.	Certificate for compliance to all quality milestones / stage inspection to be furnish.		
13.0	<u>MISCELLANEOUS</u>		
13.1	4 Copies each of test & guarantee certificates, descriptive leaflets operation & service manuals, etc., should be provided alongwith the equipment / supply.		
13.2	The complete system shall be guaranteed for minimum period of 36 months from the date of commissioning at site.		
13.3	Warranty of the equipment for three years from the date of commissioning.		

13.4	Service support should be provided to BHEL on emergency basis on the same day, minor repairs to be completed within 2 to 3 days		
13.5	Remote maintenance facility should be provided whenever required.		
13.6	O & M training should be provided free of cost to BHEL Staff.		
14.0	<u>INSTALLATION AND COMMISSIONING</u>		
14.1	Installation and commissioning of the system shall be part of the supply. Free after sales services is to be provided during the guarantee period.		