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**File No. HPSEDC/Printer-
Scanner/2K24-15069
e-Office File No.: 243483
Date: 13/05/2025**

Corrigendum-I

(Tender No. HPSEDC/Printer-Scanner/2K24-15069)

HPSEDC published e-tender for Rate Contract for Procurement of Printers and Scanners bearing tender No: HPSEDC/Printer-Scanner/2K24-15069 on 24/01/2025.

Based on the queries received from the bidders, the changes/ modifications/ clarifications/ specifications in the tender Section(s)/ Clause(s) are incorporated in the tender document by issuing Corrigendum and is attached as **Annexure-A**.

Revised/newly added specifications are attached as **Annexure B**.

Last date for bid submission is extended from 24/02/2025 to 30/05/2025 till 2.30 PM and same will be opened on 31/05/2025 at 2.30PM.


Data Controller, HPSEDC

Pre bid queries: HPSEDC/Printer-Scanner/2K24-15069 (e-Tender for Rate Contract for Printers & Scanners)								
S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
1	24	SECTION – II E-BID OPENING AND EVALUATION 2.19. NEGOTIATIONS Clause:2.19.4	2.19. NEGOTIATIONS Clause:2.19.4			Fix the Price for the Certain Period.	A fixed timeframe for negotiations is essential because GEM prices may not always reflect actual, workable market rates. To ensure accuracy and feasibility, it is advisable to verify pricing directly with the OEM if needed. This approach helps in making informed decisions while maintaining procurement efficiency.	As per RFP
2	47	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Category- “A” Laser Printers with Composite Toner/ Separate Drum and Toner & Inkjet Printers	NA	NA	LASER PRINTER WITH COMPOSITE TONNER :- Please remove this condition and make it common for both composite & separate drum & toner category for maximum participation and healthy competition in this tender		As per RFP
3	48	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 4: Mono Chrome Single Function Laser printer (Approx. Qty. 250Nos.)	Network Ports	LAN, USB 2.0 or higher	Network Ports - LAN , USB2.0, wifi or higher. Also include Automatic Duplexing-YES	Since paper saving is now a primary objective of all departments, we would request you to include duplexing in this category. Also, now wifi and network is required by customer and there is no such printer available in composite category. Therefore, requesting you to include duplex,wifi and network in this category.	As per RFP

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4	48	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 4: Mono Chrome Single Function Laser printer (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (PPM)	Mono (PPM)- Min.28 PPM or higher	Network Ports - LAN, USB2.0, wifi or higher. Also include Automatic Duplexing - Yes	As paper conservation is now a key priority across all departments, we kindly request that duplex printing be included in this category. Additionally, since Wi-Fi and network connectivity are essential for customers, and there are currently no printers in the composite category offering these features, we request that you include duplex printing, Wi-Fi, and network connectivity in this category.	As per RFP
5	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 6: Mono Multifunction Laser Printer (Print, Scan & Copy) ; Qty-250	Paper tray Capacity	Min 500 pages	Paper tray Capacity Min 250 pages or higher Standard Cassette. Multi-purpose tray: 100 sheets	For fair competition as Leading OEMs have standard paper tray capacity 250 sheets and multi-purpose tray	Revised clause: Paper tray Capacity: 250 pages or higher
6	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 6: Mono Multifunction Laser Printer (Print, Scan & Copy) (Approx. Qty. 250Nos.)	Paper tray Capacity	Min 500 pages	Standard Cassette: 250 sheets Multi-purpose tray: 100 sheets		Revised clause: Paper tray Capacity: Min 250 pages
7	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 6: Mono Multifunction Laser Printer (Print, Scan & Copy) (Approx. Qty. 250Nos.)	Paper tray Capacity	Min 500 pages	Standard Cassette: 250 sheets Multi-purpose tray: 100 sheets		Revised clause: Paper tray Capacity: Min 250 pages

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8	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 5: Mono Chrome Single Function A3 Size Laser printer (Approx. Qty. 250Nos.)	NA	NA	Remove Category	Customers now prefer to buy A3 multifunction printers instead of single function as the cost difference is very minimal. So, request you to remove the category and create a separate category for A3 Multifunction with speed 35ppm	As per RFP
9	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 6: Mono Multifunction Laser Printer (Print, Scan & Copy) (Approx. Qty. 250Nos.)	ADF	Yes	ADF- Single Pass Dual Pass in ADF category (SPDF)	Since e-office is fully implemented in every government department. SPDF will help in fast scanning and reducing user wait time during scanning, as it will scan both sides of the page in one go.	Revised clause: SPDF: Yes SPDF Tray: Min. 50 sheets or higher
10	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 6: Mono Multifunction Laser Printer (Print, Scan & Copy) (Approx. Qty. 250Nos.)	ADF	Yes	ADF - Single Pass Dual Pass in ADF category(SPDF)	As e-office is now fully implemented across all government departments, the inclusion of SPDF will significantly enhance scanning efficiency by scanning both sides of a page simultaneously, reducing user wait time.	Revised clause: SPDF: Yes SPDF Tray: Min. 50 sheets or higher
11	49	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 7: Color laser Printer A-4 -25 PPM (MFP) (Print, Scan & Copy) (Approx. Qty. 250Nos.)	NA	NA	Include Duplex, Automatic Duplex- Yes	Color MFP would be an expensive product and therefore customer would choose a product which is a complete product with all features. We request that Add-on Automatic Duplex.	Newly added clause in Item No 7: Duplex: Yes
12	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.8: Color laser Printer A-4 -20 PPM (MFP) (Print, Scan & Copy) (Approx. Qty. 250Nos.)	Scan speed (A4)	25 ppm (b&w) or higher, 18 ppm (color) or higher	1-Sided: 26.1 ipm (mono), 13.3 ipm (colour)		Revised clause: Scan speed (A4): 25 ppm (b&w) or higher, 13 ppm (color) or higher

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13	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 9: Mono Chrome Laser printer A-4 28 PPM or higher (Approx. Qty. 200Nos.)	Printing Technology	Laser (Separate Drum & Toner)	Composite cartridge		As per RFP
14	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.9:Mono Chrome Laser printer A-4 28 PPM or higher (Approx. Qty. 200Nos.)	Print Speed (A4) - Mono (PPM)	28 PPM	Request to make min 35PPM or Create new Category with 35PPM		Newly added item created at Annexure A
15	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.9:Mono Chrome Laser printer A-4 28 PPM or higher (Approx. Qty. 200Nos.)	USB Port	USB 2.0 or higher	Request to add Network Port also		As per RFP
16	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.9:Mono Chrome Laser printer A-4 28 PPM or higher (Approx. Qty. 200Nos.)	Paper Tray Capacity	Min 150 pages	Please make it 250 and above		As per RFP

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17	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Printers With Separate Drum & Toner :-	NA	NA	Printers With Separate Drum & Toner :-Please remove this condition and make it common for both composite & separate drum & toner category for maximum participation and healthy competition in this tender.		No change As per RFP
18	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 7: Color laser Printer A-4 -25 PPM (MFP) (Print, Scan & Copy) (Approx. Qty. 250Nos.)	NA	NA	Included Duplex	Color MFP would be an expensive product and therefore customer would choose a product which is a complete product with all features.	Newly added clause in Item No 7: Duplex: Yes
19	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 7: Color laser Printer A-4 -25 PPM (MFP) (Print, Scan & Copy) (Approx. Qty. 250Nos.)	Scan speed (A4)	25 ppm (b&w) or higher, 18 ppm (color) or higher	Requesting to change the scan speed to Normal (A4); Up to 19ppm (b&w), Up to 8 ppm (color) or better.	We have only one model and therefore requesting you to allow us to participate in the tender.	As per RFP

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
20	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 8: Color laser Printer A-4 -20 PPM (MFP) (Print, Scan & Copy)(Approx. Qty. 250Nos.)	NA	NA	Requesting to change this category as Single Function or else create a new category of Color Single Function.; Instead of Multifunction printer we would request you to move it to a single function or else create a new category for single function with color printing speed 25 ppm , wifi, duplex and network.	Since there is no single function category in composite.	As per RFP

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
21	50	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 8: Color laser Printer A-4 -20 PPM (MFP) (Print, Scan & Copy)(Approx. Qty. 250Nos.)	NA	NA	Kindly requesting you to create this category as Single Function or else create a new category of Color Single Function. Instead of Multifunction printer we would request you to move it to a single function or else create a new category for single function with color printing speed 25ppm, wifi, duplex and network.	As there is no single function category within the composite range,	As per RFP
22	51	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 10: Mono Chrome Laser printer A-4-28 PPM or higher (Print, Scan, Copy) (Approx. Qty. 200Nos.)	Print Speed (A4) - Mono (PPM)	28 PPM or higher	We request for 25PPM		As per RFP
23	51	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 11:Color laser Printer A-4 - 20PPM or higher (Approx. Qty. 200Nos.)	Print Speed (A4) - Mono (PPM)	20 PPM or higher	We request you to Kindly do the amendment inPrinter speed for Mono (A4) form 18PPM		As per RFP

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24	51	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 11: Color laser Printer A-4 - 20PPM or higher (Approx. Qty. 200Nos.)	Network Connectivity	Yes, RJ45	We request you to Kindly do the amendment in Network Connectivity (Please remove this)		As per RFP
25	51	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 9: Mono Chrome Laser printer A-4 28 PPM or higher (Approx. Qty. 200Nos.)	NA	NA	Requested to add the same category in composite as well.	Composite segment does not have any Mono Multifunction with 25ppm category with network, duplex and wifi	Newly added item created at Annexure A
26	51	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 10: Mono Chrome Laser printer A-4-28 PPM or higher (Print, Scan, Copy) (Approx. Qty. 200Nos.)	NA	NA	Requested to add the same category in composite as well.	Composite segment does not have any Mono Multifunction with 25ppm category with network, duplex and wifi	Newly added item created at Annexure A
27	51	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 9: Mono Chrome Laser printer A-4 28 PPM or higher (Approx. Qty. 200Nos.)	NA	NA	We would request you to add the same category in composite as well.	Composite segment does not have any Mono Multifunction with 25ppm category with network, duplex and wifi.	Newly added item created at Annexure A
28	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 13: Inkjet/ Ink Tank printer A- 4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	Consider input tray capacity minimum 100 sheets or more		Revised clause: Paper Tray Capacity: Min 100 pages

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29	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item no.12: Color laser Printer A-4 -24 PPM or higher (MFP) (Print, Scan & Copy) (Approx. Qty. 200Nos.)	Scan speed (A4)	24 ppm (b&w) or higher, 24 ppm (color) or higher	1-Sided: 26.1 ipm (mono), 13.3 ipm (colour)		Revised clause: Scan speed (A4): 24 ppm (b&w) or 13 ppm (color) or higher
30	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 13: Inkjet/ Ink Tank printer A- 4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Type of printing	Ink cartridges	Ink Tank		Revised clause: Type of printing: Ink Tank
31	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 10: Mono Chrome Laser printer A-4-28 PPM or higher (Print, Scan, Copy) (Approx. Qty. 200Nos.)	NA	NA	Request to add ADF 35 pages for auto scan and copy		Newly added item created at Annexure A
32	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Inkjet/ Ink Tank Printers Item No. 13: Inkjet/ Ink Tank printer A-4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	Consider input tray capacity minimum 100 sheets or more		Revised clause: Paper Tray Capacity: Min 100 pages
33	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 13: Inkjet/ Ink Tank printer A- 4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM) &Color (IPM)	Mono (IPM)- 10 ipm or higher; Color (IPM)- 05 ipm or higher	Print Speed is mentioned as IPM, which is a scanning terminology, kindly confirm is IPM is same as PPM	Clarification is required , as IPM/Images Per Minute) is used in scanning technology, PPM is used for printing.	Clarification: It is clarified that IPM is same as PPM

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34	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 13: Inkjet/ Ink Tank printer A-4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	Requested to Change to 100sheets and above	We have only one model, with this change we would be able to participate and therefore requesting you to allow us to participate in the tender.	Revised clause: Paper Tray Capacity: Min 100 pages
35	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS	Item No. 13: Inkjet/ Ink Tank printer A-4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	Mono (IPM)- 10 ipm or higher	Print Speed is mentioned as IPM, which is a scanning terminology, Kindly confirm if IPM is same as	Clarification is sought as IPM (Images Per Minute), it is used in scanning technology, PPM (Pages Per minute) is used for printing.	Clarification: It is clarified that IPM is same as PPM in this bid document
				Print Speed (A4) - Color (IPM)	Color (IPM)- 05 ipm or higher			
36	52	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 13: Inkjet/ Ink Tank printer A-4, 15-8 ipm or better (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	Paper Tray Capacity - 150 pages, Kindly requesting you to change to 100 sheets and above	We have only one model, with this change we would be able to participate and therefore requesting you to allow us to participate in the tender.	Revised clause: Paper Tray Capacity: Min 100 pages
37	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	22 ipm or higher	Consider mono print speed 17 ipm or more		Revised clause: Print Speed (A4) - Mono (IPM) 17 ipm or higher
38	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Color (IPM)	20 ipm or higher	Consider color print speed 9 ipm or more		Revised clause: Print Speed (A4) - Color (IPM) 9 ipm or higher

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39	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Color (IPM)	20 ipm or higher	15.5 ipm		Revised clause: Print Speed (A4) - Color (IPM) 9 ipm or higher
40	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 10: Mono Chrome Laser printer A-4-28 PPM or higher (Print, Scan, Copy) (Approx. Qty. 200Nos.)	NA	NA	Request to add auto duplex to save paper		As per RFP
41	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	22 ipm or higher	Sr. No.:- 4& 5 We request you to Kindly do the amendment in Printer speed for Mono & Color (A4) 17IPM for mono & 16IPM for color		Revised clause: Print Speed (A4) - Mono (IPM) 17 ipm or higher Print Speed (A4) - Color (IPM) 9 ipm or higher
42	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Network Printing	Yes through LAN (RJ45)	Sr. No. 8 Network Printing:- We request you to Kindly do the amendment in Network Printing (Please remove this)		Revised clause: Network printing: Yes

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
43	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	25 PPM or higher or above	Sr. No.:- 4 & 5 We request you to Kindly do the amendment in Printer speed for Mono & Color (A4) 17 IPM for mono & 16 IPM for color		As per RFP
44	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Scan Speed (A4)	19 ipm	Sr. No. 8 Scan Speed A4 We request you to Kindly do the amendment in Scanning speed 17 IPM		Revised clause: Scan Speed (A4): 17 ipm
45	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Printing Technology	Ink	Request to include Scan, Copy Functions		As per RFP
46	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	22 ipm or higher	Consider mono print speed 17 ipm or more		Revised clause: Print Speed (A4) - Mono (IPM) 17 ipm or higher Print Speed (A4) - Color (IPM) 9 ipm or higher

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47	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Color (IPM)	20 ipm or higher	Consider color print speed 9 ipm or more		Revised clause: Print Speed (A4) - Mono (IPM) 17 ipm or higher Print Speed (A4) - Color (IPM) 9 ipm or higher
48	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4 25 IPM and above (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	25 PPM or higher or above	Consider Mono print speed 25 ipm		As per RFP
49	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4 25 IPM and above (Approx. Qty. 250Nos.)	Print Speed (A4) - Color (IPM)	12 PPM or higher	Consider Color print speed 25 ipm		As per RFP
50	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4 25 IPM and above (Approx. Qty. 250Nos.)	Automatic Document Feeder (ADF)	Yes	Include DADF		Revised clause: Duplex Automatic Document Feeder (DADF): Yes
51	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4 25 IPM and above (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	Consider paper tray capacity 250 sheets or more		As per RFP

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52	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Number of Paper Trays	Min 1	Include paper tray minimum 2		As per RFP
53	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM)	Mono-25 PPM or higher or above	Print Speed A4 mono & Color, clarification needed is it Draft of ISO	Ink Category speed is defined in Draft Speed, if esteemed department is of the same notion, we do not need any changes, however if department is seeking ISO speed, then we would request to reduce Mono Speed - 15ppm & Color 9 ppm	Revised clause: Print Speed (A4) - Mono (IPM) 17 ipm or higher Print Speed (A4) - Color (IPM) 9 ipm or higher
54	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Duty Cycle /month (No of Prints)	Min 20,000 pages	Kindly requesting to reduce to 5000 pages and above.	We have only one model in this segment and therefore requesting you to allow us to participate in the tender and it will help in increasing competition.	As per RFP
55	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Scan Speed (A4)	19 ipm	Kindly reduce it to 18 ipm	1 ipm will not make any difference in operations, also we have only one model, with this change we would be able to participate and therefore requesting you to allow us to participate in the tender.	Revised clause: Scan Speed (A4): 17 ipm or better
56	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	kindly requesting you to increase it to 250 pages	This will create a difference between item no. 14 & 15. Since there is no other significant difference, user will not be able to differentiate.	As per RFP

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57	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 10: Mono Chrome Laser printer A-4-28 PPM or higher (Print, Scan, Copy) (Approx. Qty. 200Nos.)	NA	NA	We would request you to add the same category in composite as well.	Composite segment does not have any 25ppm category with network, duplex and wifi.	Newly added item created at Annexure A
58	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Print Speed (A4) - Mono (IPM) Print Speed (A4) - Color (IPM)	Mono-25 PPM or higher or above 12 PPM or higher	Print Speed A4 Mono & Color, clarification needed is it Draft or ISO	Ink category speed is defined in Draft speed, if estmeed department is of the same notion, we do not need any changes, however if department is seeking ISOMono Speed - 15ppm & Color - 9ppm. speed, then we would request to reduce	Revised clause: Print Speed (A4) - Mono (IPM) 17 ipm or higher Print Speed (A4) - Color (IPM)
59	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher (Approx. Qty. 250Nos.)	Duty Cycle /month (No of Prints)	Min 20,000 pages	Duty Cycle - 20,000 pages, kindly requesting to reduce to 5000 pages and above	We have only one model in this segment and therefore requesting you to allow us to participate in the tender and it will help in increasing competition.	As per RFP
60	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Scan Speed (A4)	19 ipm	Scan Speed - 19ipm, kindly reduce it to 18ipm	1 ipm will not make any difference in operations, also we have only one model, with this change we would be able to participate and therefore requesting you to allow us to participate in the tender.	Revised clause: Scan Speed (A4): 17 ipm or better
61	53	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 15: Inkjet/ Ink Tank printer A-4- 25 IPM and above (Approx. Qty. 250Nos.)	Paper Tray Capacity	Min 150 pages	Paper Capacity - 150 pages, kindly requesting you to increase it to 250 pages	This will create a difference between Item no 14 & 15. Since there is no other significance difference, user will not be able to differentiate.	As per RFP

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
62	54	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	Request to add category in 40PPM multifunction machine with 50pages SPDF and legal platen		As per RFP
63	54	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	Request to add category in 45PPM multifunction machine with 50pages SPDF and legal platen, 1GB RAM		As per RFP
64	54	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 17: Inkjet/ Ink Tank Printer 30 PPM and above (Mono) (Approx. Qty. 250Nos.)	Input capacity	Min. 150 sheets or more	Include tray capacity minimum 250 sheets or more		As per RFP
65	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	Print Technology	Inkjet	Print Technology: Laserjet	Laserjet technology is better than inkjet both in performance wise and cost wise	Laserjet technology is in different category and inkjet is a different category altogether. Hence, no change.
66	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 19: A3 Colour Multifunction Printers with ADF and network	Print Technology	Inkjet	Print Technology: Laserjet	Laserjet technology is better than inkjet both in performance wise and cost wise	Laserjet technology is in different category and inkjet is a different category altogether. Hence, no change.

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
67	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	Type	Print, Scan, Copy, Fax, ADF,	Request to remove Fax function.		Revised clause: Type: Print, Scan, Copy, ADF
68	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	Fax	Yes	Request to remove Fax function.		Clause stands deleted
69	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	Print Technology	Inkjet			Laserjet technology is in different category and inkjet is a different category altogether. Hence, no change.
70	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 19: A3 Colour Multifunction Printers with ADF and network	Print Technology	Inkjet			Laserjet technology is in different category and inkjet is a different category altogether. Hence, no change.
71	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	Type	Print, Scan, Copy, Fax, ADF,	Request to remove Fax function.		Revised clause: Type: Print, Scan, Copy, ADF

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
72	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	Fax	Yes	Request to remove Fax function.		Revised clause: Fax: Yes/No
73	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	NA	NA	Requested to create same category with separate drum and toner	This will help departments to buy A3 25ppm multifunction machines in laser and separate drum& toner. Also all OEMs have product in this category.	Additional item created in Annexure A
74	55	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 18: A3 Mono Multifunction Printers with ADF and network	NA	NA	Request to create the category with separate drum and toner	This will help departments to buy A3 25ppm multifunction machines in laser and separate drum & toner. Also all OEMs have product in this category.	Additional item created in Annexure A
75	56	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 20: Dot Matrix Printer 136 Col.	Print head	24 pin or better	Asked 24 Print head-24pin or higher- As per asked print head 24 pin is almost obsolete in the market and no any OEM is under the category of MII so you are requested to ask 9 Print head or better alongwith 24pin else remove it.		New item Dot matrix printer 9 pin with 136 columns created in Annexure A

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
76	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Category-C: SCANNERS; Item No. 23: Scanner 25 ipm or higher	Tray Capacity	50 sheets	Tray Capacity :30 sheets or higher	For more brand participation for fair competition	Revised clause: Tray Capacity: 30 sheets
77	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Category-C: SCANNERS; Item No. 23: Scanner 25 ipm or higher	Interface	USB 3.0	Interface- USB 2.0 or higher	For more brand participation for fair competition	Revised clause: Interface: USB 3.0/Hi Speed USB 2.0
78	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.23: Scanner 25 ipm or higher	Tray Capacity	50 sheets	30 Sheets		Revised clause: Tray Capacity: 30 sheets
79	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.23: Scanner 25 ipm or higher	Interface	USB 3.0	Hi Speed USB 2.0		Revised clause: Interface: USB 3.0/Hi Speed USB 2.0
80	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.23: Scanner 25 ipm or higher	Tray Capacity	50 sheets	30 sheets		Revised clause: Tray Capacity: 30 sheets

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
81	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.23: Scanner 25 ipm or higher	Interface	USB 3.0	Hi Speed USB 2.0		Revised clause: Interface: USB 3.0/Hi Speed USB 2.0
82	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.23: Scanner 25 ipm or higher	Interface	USB 3.0	No (USB 2.0)		Revised clause: Interface: USB 3.0/Hi Speed USB 2.0
83	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.23: Scanner 25 ipm or higher Item No. 26: Scanner 50ppm/100ipm or higher A3 size (Approx. Qty. 50Nos.) Item No.28: Scanner 40ppm or higher	Scanning feature	Sheet fed, Duplex	Flatbed Scanners- Request to add the word "Integrated Sheetfed & Flatbed"	For all flatbed scanners we would request to add the word integrated sheetfed with flatbed scanners. There are few instances where we have found that since department have not mentioned such technical terms, bidder have quoted a sheetfed scanner with a flatbed accessory connected through externally, which led to dissatisfaction about the brand and the correct product was not received. To remove such practices we would request you to mention the word Integrated Sheetfed& Flatbed.	For Item No 26 & 28 Revised clause: Scanning feature: Integrated Sheetfed & Flatbed, Duplex
84	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 24: Scanner 30ppm or higher(Approx. Qty. 50Nos.)	Speed	Upto 30ppm or higher, Mono/ Color	Request to change speed - 35ppm/70ipm or more, Mono/ Color	All OEMs have now single pass dual scan option in scanners, thus increasing the duplex scanning speed to double. Therefore requesting you to increase the speed to 35 ppm/70 ipm	As per RFP
			Item No.23: Scanner 25 ipm or higher				For all flatbed scanners we would request to add the word integrated sheetfed with flatbed scanners. There are few instances	

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
85	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 26: Scanner 50ppm/100ipm or higher A3 size (Approx. Qty. 50Nos.) Item No.28: Scanner 40ppm or higher	Scanning feature	Sheet fed, Duplex	Flatbed Scanners- Request to add the word "Integrated Sheetfed& Flatbed"	where we have found that since department have not mentioned such technical terms, bidder have quoted a sheetfed scanner with a flatbed accessory connected through externally, which led to dissatisfaction about the brand and the correct product was not received. To remove such practices we would request you to mention the word <u>Integrated Sheetfed& Flatbed</u> .	For Item No 26 & 28 Revised clause: Scanning feature: Integrated Sheetfed & Flatbed, Duplex
86	57	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 24: Scanner 30ppm or higher (Approx. Qty. 50Nos.)	Speed	Upto 30ppm or higher, Mono/ Color	Request to change speed - 35ppm/70ipm or more, Mono/ Color	All OEMs have now single pass dual scan option in scanners, thus increasing the duplex scanning speed to double. Therefore requesting you to increase the speed to 35 ppm/70 ipm	As per RFP
87	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 25: Scanner 45ppm (Approx. Qty. 50Nos.)	Duty Cycle	5500 pages per day	Duty Cycle 4000 pages or higher per day	For more brand participation for fair competition	Revised clause: Duty Cycle: 4500 pages per day
88	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.25: Scanner 45 ppm (Approx. Qty. 50Nos.)	Duty Cycle	5500 pages per day	4000 Pages		Revised clause: Duty Cycle: 4500 pages per day

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
89	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 25: Scanner 45ppm (Approx. Qty. 50Nos.)	Speed	Upto 45ppm or higher, Mono/ Color	Speed:-We request you to Kindly do the amendment in speed 40PPM or higher.		Revised item no 25: Scanner 40 PPM or higher Speed: Upto 40 ppm or higher, Mono/ Color
90	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 25: Scanner 45ppm (Approx. Qty. 50Nos.)	Duty Cycle	5500 pages per day	4000 Pages		Revised clause: Duty Cycle: 4000 Pages
91	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.25: Scanner 45 ppm (Approx. Qty. 50Nos.)	Speed	Upto 45ppm or higher, Mono/ Color	Request to change speed - 40ppm/80ipm or more, Mono/ Color	Requesting you to reduce the speed to 40ppm/80ipm. This will increase competition and allow us to participate in the tender.	Revised item no 25: Scanner 40 PPM or higher Speed: Upto Upto 40 ppm or higher, Mono/ Color
92	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.25: Scanner 45 ppm (Approx. Qty. 50Nos.)	ADF feature/ Tray capacity	60 sheets Tray Capacity	Requesting you to change to 50 sheets	We have only one model in this segment and therefore requesting you to allow us to participate in the tender and it will help in increasing competition.	Revised clause: ADF feature/ Tray capacity: 50 sheets Tray Capacity
93	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 26: Scanner 50ppm/100ipm or higher A3 size (Approx. Qty. 50Nos.)	Scan Size Limits	A4, Legal, A3	Change Paper Size to Legal Flatbed	In this entire category, there is no Legal Flatbed scanner, therefore requesting you to change the paper size to legal or create a new category. As due to ICJS projects there is a demand of legal paper size flatbed scanners. Also, there is another category of A3 scanner.	As per RFP

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
94	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.25: Scanner 45 ppm (Approx. Qty. 50Nos.)	Speed	Upto 45ppm or higher, Mono/ Color	Request to change speed - 40ppm/80ipm or more, Mono/ Color	Requesting you to reduce the speed to 40ppm/80ipm. This will increase competition and allow us to participate in the tender.	Revised item no 25: Scanner 40 PPM or higher Speed: Upto Upto 40 ppm or higher, Mono/ Color
95	58	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 26: Scanner 50ppm/100ipm or higher A3 size (Approx. Qty. 50Nos.)	Scan Size Limits	A4, Legal, A3	Change Paper Size to Legal Flatbed	In this entire category, there is no Legal Flatbed scanner, therefore requesting you to change the paper size to legal or create a new category. As due to ICJS projects there is a demand of legal paper size flatbed scanners. Also, there is another category of A3 scanner.	As per RFP
96	59	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 27: Scanner 60ppm or higher (Approx. Qty. 100Nos.)	Duty Cycle	7500 pages per day	Duty Cycle 7000 pages or higher per day	For more brand participation for fair competition	Revised clause: Duty Cycle: 7000 pages per day
97	59	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 28: Scanner 40ppm or higher	ADF Capacity	200	ADF Capacity 80 sheets or higher	For more brand participation for fair competition	Revised clause: ADF Capacity: 80 sheets
98	59	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item no. 27: Scanner 60ppm or higher (Approx. Qty. 100Nos.)	Duty Cycle	7500 pages per day	7000 sheets		Revised clause: Duty Cycle: 7000 pages per day

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
99	59	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No.28: Scanner 40ppm or higher	ADF Capacity	200	80 sheets		Revised clause: ADF Capacity: 80 sheets
100	59	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item no. 27: Scanner 60ppm or higher (Approx. Qty. 100Nos.)	Duty Cycle	7500 pages per day	7000 sheets		Revised clause: Duty Cycle: 7000 pages per day
101	59	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	Item No. 28: Scanner 40ppm or higher	ADF Capacity	200	80 sheets		Revised clause: ADF Capacity: 80 sheets
102	NA	NA	NA	NA	NA	Please confirm that can we participate for single item.		Yes, the bidder may quote itemwise
103	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	New Category Mono Chrome Laser A3 25ppm Category Mono Chrome Laser A3 25ppm Category Request to additional category	This will make the HPSEDC tender wholesome and make one place to procure for departments in Annexure-1.	Additional item created in Annexure A

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
104	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	New Category Color Laser A3 25ppm Category, Request to additional category	This will make the HPSEDC tender wholesome and make one place to procure for departments in Annexure-2.	Additional item created in Annexure A
105	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	New Category: Mono Chrome Laser A3 60 ppm Category, Request to additional category	This will make the HPSEDC tender wholesome and make one place to procure for departments in Annexure-3.	Additional item created in Annexure A
106	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	Negotiation Clause - In case in any category there is only bidder, Department may conclude the rates after verifying the prices from other sources as deemed fit.	This will allow all OEM to participate without any prejudice and quote aggressively to be in this prestigious tender. Most importantly the rate contract would be wholesome.	As per RFP

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
107	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	In future if any OEM have newly released models the same can be incorporated in the rate contract provided the OEM agreed to supply the material within the same rate current RC holder is supplying.	This will help in addition of new models from all OEM in future course of rate contract period, as in MII initiative major OEMs may start complete manufacturing of products in India. This provision will help them to quote as well.	As per RFP
108	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	New Category Mono Chrome Laser A3 25ppm Category Mono Chrome Laser A3 25ppm Category Request to additional category		Additional item created in Annexure A
109	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	New Category Color Laser A3 25ppm Category, Request to additional category		Additional item created in Annexure A
110	NA	SECTION – V TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEETS ANNEXURES	NA	NA	NA	New Category: Mono Chrome Laser A3 60 ppm Category, Request to additional category		

S.No	(Page No.)	RFP Reference	ITEM No.	Parameter	Minimum Specifications	Points of clarification required	Remarks by Bidder (if any)	Clarifications/ Revised clause may be read as
111		NA	NA	NA	NA	As per your this tender you have asked price in technical compliance for 3 years only. So we request you to please also ask price for 1 year technical compliance		As per RFP
112		NA	NA	NA	NA	Please ask the price for toner of the quoted printer.		Same would be asked through separate tender.

Category- "A" Laser Printers with Composite Toner/ Separate Drum and Toner & Inkjet Printers

Laser Printers with Composite Toner

Item No. 1: Mono Chrome Laser printer A-4 18 PPM

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Mono	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	18 PPM or higher	
5.	Resolution (Dpi)	600 X 600dpi or higher	
6.	Memory (MB)	Min 32 MB	
7.	USB Port	USB 2.0 or higher	
8.	Paper Tray Capacity	Min 150 pages	
9.	Number of Paper Trays	Min 1	
10.	Duty Cycle /month (No of Prints)	Min 5000 pages	
11.	BIS Registration	Required	
12.	On site OEM warranty	Three years comprehensive onsite warranty	

Item No. 2: Mono Chrome Laser printer A-4-18 PPM (Print, Scan, Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Mono	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	18 PPM or higher	
5.	Resolution (Dpi)	600 dpi or higher	
6.	Memory (MB)	Min 32 MB or higher	
7.	Copy Speed (Mono)	18 CPM	
8.	Scan speed black	Min 6 PPM	

9.	Scan speed color	Min 3 PPM	
10.	USB Port	USB 2.0 or higher	
11.	Paper Tray Capacity	Min 150 pages	
12.	Number of Paper Trays	Min 1	
13.	Duty Cycle /month (No of Prints)	Min 5000 pages	
14.	BIS Registration	Required	
15.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 3: Mono MFP Laser Printer 20ppm with wi-fi (Print, Scan & Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of Printing	Mono	
3.	Paper Size	A4	
4.	Print Speed A4 Mono	Up to 20 ppm	
5.	Resolution	Up to 600 x 600 dpi	
6.	Memory	64Mb	
7.	Scan Resolution	Up to 600 x 600 dpi	
8.	ADF/DADF	ADF/DADF	
9.	Wireless Connectivity	Yes	
10.	USB	Hi-Speed USB 2.0 port	
11.	Paper tray Capacity	Min 150 pages	
12.	No. of Tray	Min 1	
13.	Duty Cycle/Month	Up to 10,000 pages	
14.	BIS Registration	Required	
15.	On Site Warranty	Three years comprehensive onsite warranty	

Item No. 4: Mono Chrome Single Function Laser printer

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Mono	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	Mono (PPM)- Min.28 PPM or higher	
5.	Resolution (Dpi)	600 X 600 dpi or higher	
6.	Memory (MB)	Min 64 MB or higher	
7.	Network Ports	LAN, USB 2.0 or higher	
8.	Paper Tray Capacity	Min 150 pages	
9.	Number of Paper Trays	Min 1	
10.	Duty Cycle /month (No of Prints)	Min 10000 pages	
11.	BIS Registration	Required	
12.	On site OEM warranty (Years)	Three years onsite warranty	

Item No. 5: Mono Chrome Single Function A3 Size Laser printer

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
13.	Printing Technology	Laser	
14.	Type of printing	Mono	
15.	Paper Size	A3	
16.	Print Speed (A4) - Mono (PPM)	Min.35 PPM or higher	
17.	Print Speed (A3) - Mono (PPM)	Min.18 PPM or higher	
18.	Resolution (Dpi)	1200 X 1200 dpi or higher	
19.	Memory (MB)	Min 256 MB or higher	
20.	Network Ports	LAN, USB 2.0 or higher	
21.	Paper Tray Capacity	Min 250 pages	
22.	Number of Paper Trays	Min 1	
23.	Duty Cycle /month (No of Prints)	Min 50000 pages	
24.	BIS Registration	Required	
25.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 6: Mono Multifunction Laser Printer (Print, Scan & Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of Printing	Mono	
3.	Paper Size	A4	
4.	Two-sided Printing	Duplex	
5.	Print Speed A4 Mono	Up to 40 ppm or higher	
6.	Resolution	Up to 1200 x 1200 dpi	
7.	Memory	512 MB	
8.	Scan Resolution	Up to 600 x 600 dpi	
9.	SPDF	Yes	
10.	SPDF Tray	Min. 50 Sheets or higher	
11.	Wireless Connectivity	Yes	
12.	USB, Network	Hi-Speed USB 2.0 port, 10/100/1000 Ethernet embedded	
13.	Paper tray Capacity	250 pages or higher	
14.	No. of Tray	Min 1	
15.	Duty Cycle/Month	Up to 20,000 pages	
16.	BIS Registration	Required	
17.	On Site Warranty	Three years comprehensive onsite warranty	

Item No. 7: Color laser Printer A-4 -25 PPM (MFP) (Print, Scan & Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Color	
3.	Paper Size	A4	
4.	Duplex	Yes	
5.	Print Speed (A4) - Mono (PPM)	25 PPM or higher	
6.	Print Speed (A4) - Color (PPM)	25 PPM or higher	
7.	Resolution Mono (Dpi)	600 X 600dpi or higher	
8.	Resolution Color (Dpi)	600 X 600dpi or higher	
9.	Scan speed (A4)	25 ppm (b&w) or higher, 18 ppm (color) or higher	
10.	Memory (MB)	Min 256 MB or higher	
11.	Network Connectivity	Yes	
12.	Wireless Connectivity	Yes	
13.	USB Port	USB 2.0 or higher	
14.	Paper Tray Capacity	Min 150 pages	
15.	Number of Paper Trays	Min 1	
16.	Duty Cycle /month (No of Prints)	Min 20000 pages	
17.	BIS Registration	Required	
18.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 8: Color laser Printer A-4 -20 PPM (MFP) (Print, Scan & Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Color	
3.	Paper Size	A4	
4.	Print Speed (A4) – Mono (PPM)	20 PPM or higher	
5.	Print Speed (A4) – Color (PPM)	20 PPM or higher	
6.	Resolution Mono (Dpi)	600 X 600dpi or higher	

7.	Resolution Color (Dpi)	600 X 600dpi or higher	
8.	Scan speed (A4)	25 ppm (b&w) or higher, 13 ppm (color) or higher	
9.	Memory (MB)	Min 256 MB or higher	
10.	Network Connectivity	Yes	
11.	USB Port	USB 2.0 or higher	
12.	Paper Tray Capacity	Min 150 pages	
13.	Number of Paper Trays	Min 1	
14.	Duty Cycle /month (No of Prints)	Min 20000 pages	
15.	BIS Registration	Required	
16.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Laser Printers with Separate Drum and Tonner

Item No. 9: Mono Chrome Laser printer A-4 28 PPM or higher

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Mono	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	28 PPM or higher	
5.	Resolution (Dpi)	600 X 600dpi or higher	
6.	Memory (MB)	Min 32 MB or higher	
7.	USB Port	USB 2.0 or higher	
8.	Paper Tray Capacity	Min 150 pages	
9.	Number of Paper Trays	Min 1	
10.	Duty Cycle /month (No of Prints)	Min 6000 pages	
11.	BIS Registration	Required	
12.	On site OEM warranty	Three years comprehensive onsite warranty	

Item No. 10: Mono Chrome Laser printer A-4-28 PPM or higher (Print, Scan, Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Mono	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	28 PPM or higher	
5.	Automatic Duplex	Yes	
6.	Resolution (Dpi)	600 dpi or higher	
7.	Memory (MB)	Min 64 MB or higher	
8.	Copy Speed (Mono)	28 CPM or higher	
9.	Scan speed black	Min 6 PPM	
10.	Scan speed color	Min 3 PPM	
11.	USB Port	USB 2.0 or higher	
12.	Paper Tray Capacity	Min 250 pages	
13.	Number of Paper Trays	Min 1	
14.	Duty Cycle /month (No of Prints)	Min 6000 pages or higher	
15.	BIS Registration	Required	
16.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 11: Color laser Printer A-4 -20PPM or higher

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Color	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	20 PPM or higher	
5.	Print Speed (A4) - Color (PPM)	20 PPM or higher	
6.	Resolution Mono (Dpi)	600 X 600dpi or higher	
7.	Resolution Color (Dpi)	600 X 600dpi or higher	
8.	Memory (MB)	Min 128 MB or higher	

9.	Network Connectivity	Yes, RJ45	
10.	USB Port	USB 2.0 or higher	
11.	Paper Tray Capacity	Min 250 pages	
12.	Number of Paper Trays	Min 1	
13.	Duty Cycle /month (No of Prints)	Min 10000 pages or higher	
14.	BIS Registration	Required	
15.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 12: Color laser Printer A-4 -24 PPM or higher (MFP) (Print, Scan & Copy)

S. N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2.	Type of printing	Color	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (PPM)	Mono (PPM)- 20 PPM or higher	
5.	Print Speed (A4) - Color (PPM)	Color (PPM)- 20 PPM or higher	
6.	Resolution Mono (Dpi)	600 X 600dpi or higher	
7.	Resolution Color (Dpi)	600 X 600dpi or higher	
8.	Scan speed (A4)	24 ppm (b&w) or 13 ppm (color) or higher	
9.	Memory (MB)	Min 256 MB or higher	
10.	Network Connectivity	Yes, RJ45	
11.	USB Port	USB 2.0 or higher	
12.	Paper Tray Capacity	Min 250 pages	
13.	Number of Paper Trays	Min 1	
14.	Duty Cycle /month (No of Prints)	Min 15000 pages	
15.	BIS Registration	Required	
16.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Inkjet/ Ink Tank Printers**Item No. 13: Inkjet/ Ink Tank printer A-4, 15-8 ipm or better**

S.N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Ink	
2.	Type of printing	Ink Tank	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (IPM)	Mono (IPM)- 10 ipm or higher	
5.	Print Speed (A4) - Color (IPM)	Color (IPM)- 05 ipm or higher	
6.	Wi-fi Printing	Yes	
7.	Resolution (Dpi)	600 dpi or higher	
8.	Memory (MB)	Min 64 MB or higher	
9.	USB Port	USB 2.0 or higher	
10.	Paper Tray Capacity	Min 100 pages	
11.	Number of Paper Trays	Min 1	
12.	Duty Cycle /month (No of Prints)	Min 1,000 pages	
13.	BIS Registration	Required	
14.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 14: Inkjet/ Ink Tank printer A-4 - 22 ipm or higher

S.N.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Ink	
2.	Type of printing	Ink cartridges	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (IPM)	17 ipm or higher	
5.	Print Speed (A4) - Color (IPM)	9 ipm or higher	
6.	Wi-fi Printing	Yes	
7.	Duplex Printing	Yes	
8.	Network Printing	Yes	
9.	Resolution (Dpi)	600 dpi or higher	
10.	Memory (MB)	Min 128 MB or higher	
11.	USB Port	USB 2.0 or higher	

12.	Paper Tray Capacity	Min 150 pages	
13.	Number of Paper Trays	Min 1	
14.	Duty Cycle /month (No of Prints)	Min 20,000 pages	
15.	BIS Registration	Required	
16.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 15: Inkjet/ Ink Tank printer A-4-25 IPM and above

S. No.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Ink	
2.	Type of printing	Ink cartridges	
3.	Paper Size	A4	
4.	Print Speed (A4) - Mono (IPM)	25 PPM or higher or above	
5.	Print Speed (A4) - Color (IPM)	12 PPM or higher	
6.	Resolution (Dpi)	600 dpi or higher	
7.	Memory (MB)	Min 128 MB or higher	
8.	Scan Speed (A4)	17 ipm	
9.	Scan Resolution	600 dpi or higher	
10.	Duplex Automatic Document Feeder (DADF)	Yes	
11.	Duplexing Feature	Yes	
12.	Network Connectivity	Yes	
13.	Wireless Connectivity	Yes	
14.	USB Port	USB 2.0 or higher	
15.	Paper Tray Capacity	Min 150 pages	
16.	Number of Paper Trays	Min 1	
17.	Duty Cycle /month (No of Prints)	Min 30000 pages	
18.	BIS Registration	Required	
19.	On site OEM warranty (Years)	Three years comprehensive onsite warranty	

Item No. 16: Inkjet/ Ink Tank Printer 60 IPM and above

S. No.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Print speed, black & Color	60 ipm	
2.	ePrint capability	Yes	
3.	Network ready	Built-in Ethernet, WiFi 802.11b/g/n, USB 2.0	
4.	Mobile printing capability	Yes	
5.	Input capacity	Min. 500 sheets	
6.	Display	Touchscreen	
7.	Duty cycle (monthly, letter)	Up to 80,000 pages	
8.	Duplex printing	Automatic	
9.	Certification	BIS	
10.	Memory	512 MB or higher	
11.	Print quality black (best)	Up to 1200 x 600 dpi	
12.	Print quality color (best)	Up to 2400 x 600 dpi	
13.	Scan Speed	60 ipm	
14.	Warranty	Three years comprehensive onsite warranty	

Item No. 17: Inkjet/ Ink Tank Printer 30 PPM and above (Mono)

S. No.	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Print speed, black	30 ppm	
2.	Network ready	Built-in Ethernet, WiFi, USB 2.0	
3.	Mobile printing capability	Yes	
4.	Input capacity	Min. 150 sheets or more	
5.	Duty cycle (monthly, letter)	Up to 10,000 pages	
6.	Certification	BIS	
7.	Print quality black (best)	Up to 1200 dpi or better	
8.	Scan Speed	30 ppm or higher	
9.	Warranty	Three years comprehensive onsite warranty	

Item No. 18: A3 Mono Multifunction Printers with ADF and network

S. No	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1	Type	Print, Scan, Copy, ADF	
2	Print Technology	Inkjet	
4	Print Speed (Mono)	Upto 25 IPM (A4), Upto 12 IPM (A3)	
5	Auto Duplex Printing	Yes	
6	Print Resolution (Max)	1200 x 1200 dpi	
7	Copying Speed (ISO)	Upto 20 PPM (A4) or higher	
9	Reduction / enlargement	25% - 400%	
10	Copy Resolution	600 x 600 dpi	
11	Copy size	A3	
12	Scanner type	Flatbed with ADF	
13	Resolution	1200 x 1200 dpi	
14	Scan Area	A3	
15	Scan Speed	ADF (Simplex / Duplex): Up to 25 ipm / 11 ipm or higher	
16	Fax	Yes	
17	Number of Paper Trays	03 (2 Front tray + 1 Rear Feed Slot)	
18	Paper Input Capacity	500 sheets	
20	Interface	Hi Speed USB, Ethernet, Wi-Fi, Wi-Fi direct	
21	Warranty	Three years comprehensive onsite warranty	

Item No. 19: A3 Colour Multifunction Printers with ADF and network

S. No	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Type	Print, Scan, Copy, Fax, ADF, Color	
2.	Print Technology	Inkjet	
3.	Print Speed	A4, Simplex (Black/Color): Up to 25 ipm / 25 ipm A3, Simplex (Black/Color): Up to 13 ipm / 13 ipm	
4.	Auto Duplex Printing	Yes	
5.	Print Resolution (Max)	1200 x 1200 dpi	
6.	Copying Speed	Upto 23 PPM (A4)	
7.	Reduction / enlargement	25% - 400%	
8.	Copy Resolution	600 x 600 dpi	
9.	Copy size	A3	
10.	Scanner type	Flatbed with ADF	
11.	Optical Resolution	1200 x 1200 dpi	
12.	Scan Area	A3	
13.	Scan Speed	ADF (Simplex / Duplex): Up to 25 ipm / 10 ipm or higher	
14.	Fax Features	Yes	
15.	Number of Paper Trays	03 (2 Front tray + 1 Rear Feed Slot)	
16.	Paper Input Capacity	500 sheets	
17.	Interface	Hi Speed USB, Ethernet, Wi-Fi, Wi-Fi direct	
18.	Warranty	Three years comprehensive onsite warranty	

Category-B: Dot Matrix Printers

Item No. 20: Dot Matrix Printer 136 Col.			
S. No	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Print Speed	550 cps or higher	
2.	Resolution	Min. 360 X 360	
3.	Per month duty cycle	Min. 20,000 pages	
4.	Print head	24 pin or better	
5.	Interface	USB, Parallel, Ethernet	
6.	Input Data Buffer	Min. 128kB	
7.	Warranty	Three years comprehensive onsite warranty	

Item No. 21: Passbook Printer Option 1			
S. No	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Print Technology	24 Pins Dot Matrix or higher	
2.	Print Speed	500 cps or higher	
3.	Per month duty cycle	Min. 10,000 pages	
4.	Interface	USB, Parallel, RS232	
5.	Noise Level	<55 dba or better	
6.	Warranty	Three years comprehensive onsite warranty	

Item No. 22: Passbook Printer Option 2

Sr.No.	Specification		Compliance (Yes/ No) Make & Model No.
1.	Print Technology	24-pin dot matrix	
2.	Print Speed	400–630 cps (characters per second)	
3.	Print Resolution	240 × 360 dpi	
4.	Number of Copies	1 original + up to 6 copies	
5.	Media Handling	Passbooks, cheques, demand drafts, receipts, job cards, multi-part forms	
6.	Maximum Paper Thickness	2.6 mm	
7.	Paper Feeding	Automatic alignment, front/rear manual feeding	
8.	Ribbon Life	5 million characters (approx.)	
9.	Printhead Life	400–600 million strokes per wire	
10.	MTBF (Mean Time Between Failures)	10,000 – 35,000 power-on hours	
11.	Interfaces	USB, Parallel, Serial (RS232)	
12.	Power Consumption	30W – 40W (printing mode)	
13.	Certification	BIS	
14.	Warranty	Three years comprehensive onsite warranty	

Category-C: SCANNERS**Item No. 23: Scanner 25 ipm or higher**

S. No	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Resolution	1200 dpi (Flatbed), ADF: 600 DPI	
2.	Scan Speed B/W Simplex/ Duplex	25 ipm/ 50 ipm	
3.	Scan speed Color Simplex / Duplex	25 ipm/ 50 ipm	
4.	Daily Scan volume	1500 pages	

5.	Tray Capacity	30 sheets	
6.	Sensor/Light Source	CIS/LED/CSS	
7.	Interface	USB 3.0/Hi Speed USB 2.0	
8.	Compatible OS	Windows, Mac	
9.	Warranty	Three years comprehensive onsite warranty	

Item No. 24: Scanner 30ppm or higher

Sl. No	Parameters	Min. Specifications required	Compliance (Yes/ No) Make & Model No.
	Speed	Upto 30ppm or higher, Mono/ Color	
1.	Scan Resolution	Min. 600 x 600 dpi	
2.	Duty Cycle	3000 pages per day	
3.	Scan Size Limits	A4, Legal	
4.	ADF feature/ Tray capacity	50 sheets Tray Capacity	
5.	Scanning feature	Sheet fed, Duplex	
6.	Button control panel	Scan button, Power button	
7.	Compatible OS	Windows, Mac	
8.	USB 2.0/3.0 or higher	One	
9.	Sensor/Light Source	CIS/LED/CSS	
10.	Software	Document Scan Software with OCR	
11.	Warranty-	Three years comprehensive onsite warranty	

Item No. 25: Scanner 40ppm

Sl. No	Parameters	Min. Specifications required	Compliance (Yes/ No) Make & Model No.
	Speed	Upto 40ppm or higher, Mono/ Color	
1.	Scan Resolution	Min. 600 x 600 dpi	
2.	Duty Cycle	4500 pages per day	
3.	Scan Size Limits	A4, Legal	
4.	ADF feature/ Tray capacity	50 sheets Tray Capacity	
5.	Scanning feature	Sheet fed, Duplex	
6.	Button control panel	Scan button, Power button	
7.	Compatible OS	Windows, Mac	
8.	Sensor/Light Source	CIS/LED/CSS	
9.	USB 2.0/3.0 or higher	One	
10.	Software	Document Scan Software with OCR	
11.	BIS Registration	Required	
12.	Warranty-	Three years comprehensive onsite warranty	

Item No. 26: Scanner 50ppm/100ipm or higher A3 size

Sl. No	Parameters	Min. Specifications required	Compliance (Yes/ No) Make & Model No.
	Speed	Upto 50ppm or higher, Mono/ Color	
1.	Scan Resolution	Min. 600 x 600 dpi	
2.	Type	Flatbed with ADF	
3.	Duty Cycle	6000 pages per day	
4.	Scan Size Limits	A4, Legal, A3	
5.	ADF feature/ Tray capacity	50 sheets Tray Capacity	
6.	Scanning feature	Integrated Sheetfed & Flatbed, Duplex	
7.	Button control panel	Scan button, Power button	
8.	Compatible OS	Windows, Mac	
9.	USB 2.0/3.0 or higher	One	
10.	Sensor/Light Source	CIS/LED/CSS	
11.	Software	Document Scan Software with OCR	
12.	BIS Registration	Required	
13.	Warranty-	Three years comprehensive onsite warranty	

Item No. 27: Scanner 60ppm or higher

Sl. No	Parameters	Min. Specifications required	Compliance (Yes/ No) Make & Model No.
	Speed	Upto 60ppm or higher, Mono/ Color	
1.	Scan Resolution	Min. 600 x 600 dpi	
2.	Duty Cycle	7000 pages per day	
3.	Scan Size Limits	A4, Legal	
4.	ADF feature/ Tray capacity	60 sheets Tray Capacity	
5.	Scanning feature	Sheet fed, Duplex	
6.	Button control panel	Scan button, Power button	
7.	Compatible OS	Windows, Mac	

8.	USB 2.0/3.0 or higher	One	
9.	Sensor/Light Source	CIS/LED/CSS	
10.	Software	Document Scan Software with OCR	
11.	BIS Registration	Required	
12.	Warranty-	Three years comprehensive onsite warranty	

Item No. 28: Scanner 40ppm or higher

Sl. No	Parameters	Min. Specifications required	Compliance (Yes/ No) Make & Model No.
1.	Scan type	Integrated Sheetfed & Flatbed, Duplex	
2.	Light Source	White LED	
3.	Optical Resolution	600 x 600 dpi	
4.	Scan Speed (200 dpi)	40 PPM/80 IPM (Duplex)	
5.	Monthly duty cycle	5000 pages	
6.	Bit Depth	24 bits	
7.	ADF Capacity	80	
8.	Scan Size	Flatbed: A3 Size: 11" x 17", ADF: Max upto 2540 mm Length (Simplex)s	
9.	Interface	High Speed USB 2.0	
10.	Driver Support	Windows, Linux, MAC	
11.	Warranty-	Three years comprehensive onsite warranty	

Item No. 29: Monochrome Laser Printer A4-35PPM or higher

S. N.	Parameter	Requirement Compliance	Compliance (Yes/No) Make & Model No)
1	Printing Technology	Laser	
2	Type of Printing	Mono	
3	Paper Size	A4	
4	Print Speed A4 Mono	Up to 35 ppm	
5	Resolution	Up to 600 x 600 dpi	
6	Memory	256Mb	

7	Scan Resolution	Upto 600 x 600 dpi	
8	Connectivity	Hi-Speed USB 2.0 port & Rj45	
9	Paper tray Capacity	Min 250 pages	
10	No. of Tray Min	1	
11	Duty Cycle/Month	Up to 20,000 pages	
12	BIS Registration	Required	
13	On Site Warranty	Three years comprehensive onsite warranty	

Item No. 30: Mono Laser A3 Multifunction 25ppm category under Separate Drum & Toner Category (Composite segment)

Sr. No.	Parameter	Requirement	Compliance (Yes/No) (Make & Model No)
1	Type	Print, Scan, Copy, ADF,	
2	Print Technology	Laser	
4	Print Speed (Mono)	Upto 25 IPM (A4), Upto 13 IPM (A3)	
5	Auto Duplex Printing	Yes	
6	Print Resolution (Max)	600 X 600 dpi or more	
7	Copying Speed (ISO)	Upto 25 PPM (A4) or higher	
9	Reduction / enlargement	25% - 400%	
10	Copy Resolution	600 x 600 dpi	
11	Copy size	A3	
12	Scanner type	Flatbed with RADF	
13	Resolution	600 dpi or more	
14	Scan Area	A3	
15	Scan Speed	ADF (Simplex / Duplex): Up to 25 ipm 11 ipm or higher	
16	Fax	Yes	
17	Number of Paper Trays	03 (2 Front tray + 1 Bypass)	
18	Paper Input Capacity	500 sheets	
20	Interface	Hi Speed USB, Ethernet	

21	Warranty	Three years comprehensive onsite warranty	
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Item No. 31: Color Laser A3 Multifunction 25ppm category under Separate Drum & Toner Category

Sr.No.	Parameter	Requirement	Compliance (Yes/No) Make & Model
1	Type	Print, Scan, Copy, RADF, Color	
2	Print Technology	Laser	
4	Print Speed	A4, Simplex (Black/Color): Up to 25 ipm / 25 ipm	
		A3, Simplex (Black/Color): Up to 13 ipm / 13 ipm	
5	Auto Duplex Printing	Yes	
6	Print Resolution (Max)	600 dpi or more	
7	Copying Speed	23 PPM (A4) or higher	
9	Reduction / enlargement	25% - 400%	
10	Copy Resolution	600 x 600 dpi	
11	Copy size	A3	
12	Scanner type	Flatbed with ADF	
13	Optical Resolution	1200 x 1200 dpi	
14	Scan Area	A3	
15	Scan Speed	ADF (Simplex / Duplex): Up to 25 ipm / 10 ipm or higher	
16	Fax Features	Yes	
17	Number of Paper Trays	03 (2 Front tray + 1 Rear Feed Slot)	
18	Paper Input Capacity	1100 sheets	
20	Interface	Hi Speed USB, Ethernet, Wi-Fi, Wi-Fi direct	
21	Memory	4GB or more	
22	Warranty	Three years comprehensive onsite warranty	

Item No. 32: Dot matrix printer 9 pins

Sr.No.	Specification		Compliance (Yes/ No) Make & Model No.
1.	Print Technology	9-pin dot matrix	
2.	Print Speed	300–500 cps (characters per second)	
3.	Print Resolution	144 × 240 dpi (approx.)	
4.	Number of Copies	1 original + up to 4 copies	
5.	Media Handling	Continuous paper (tractor feed), Single sheet (manual feed), multi-part forms (1+4 copies), Cheques, receipts, invoices, passbooks, and demand drafts	
6.	Maximum Paper Thickness	2.6 mm	
7.	Paper Feeding	Automatic alignment, front/rear manual feeding	
8.	Ribbon Life	3–5 million characters	
9.	Printhead Life	200–400 million strokes per wire	
10.	MTBF (Mean Time Between Failures)	10,000 – 25,000 power-on hours	
11.	Interfaces	USB, Parallel, Serial (RS232)	
12.	Power Consumption	30W – 50W (printing mode)	
13.	Certification	BIS	
14.	Warranty	Three years comprehensive onsite warranty	

Item No. 33: Mono Laser A3 Multifunction 60 ppm category under Separate Drum & Toner Category

Sr. No.	Parameter	Requirement	Compliance (Yes/No) Make & Model
1	Type	Print, Scan, Copy, SPDF	
2	Print Technology	Laser	
4	Print Speed (Mono)	Upto 60 IPM (A4), Upto 30 IPM (A3)	
5	Auto Duplex Printing	Yes	
6	Print Resolution (Max)	600 X 600 dpi or more	
7	Copying Speed (ISO)	60 PPM (A4) or higher	
9	Reduction / enlargement	25% - 400%	

10	Copy Resolution	600 x 600 dpi	
11	Copy size	A3	
12	Scanner type	Flatbed with SPDF	
13	Resolution	600 dpi or more	
14	Scan Area	A3	
15	Scan Speed	ADF (Simplex / Duplex): 60 ipm / 120 ipm or higher	
16	Fax	Yes	
17	Number of Paper Trays	03 (2 Front tray + 1 Bypass)	
18	Paper Input Capacity	1100 sheets	

Item No. 34: Multifunction color printer (A3) Option 1

Sr No	Specifications	Required Parameters	Compliance (Yes/No) Make & Model
1	Printing Technology	Print Head (B&W, Color Printer)	
2	Print Speed -ISO (A4)	BW & Color: 25/24 IPM	
3	Duplex Print Speed	17/16 IPM or better	
4	Print Resolution (Max)	4800 x 1200 dpi or better	
5	Maximum Duty Cycle (Max)	75000 pages or higher	
6	Memory	4 GB or better	
7	Hard disk	320 GB or better	
8	Connectivity	Super-speed USB 3.0, Ethernet, Wi-Fi (IEEE 802.11b/g/n), Wi-Fi Direct, NFC	
9	USB host for direct print & scan	Yes	
10	Printing Language	PCL 5c, PCL 6, PostScript 3, PDF (ver 1.7) or better	
11	Automatic Duplex Printing	Yes	
12	Front Panel (LCD Screen)	5 " / 12.7 cm TFT Color LCD or better	
13	Power Consumption	Approx. 40 Watts	
14	Consumables (Bundled Yield)		
	Black ink pack Yield in Pages	Up to 86,000 pages or higher	

	Color Printing	75 Paise(A4) or better	
15	Paper Handling		
	Standard Paper Input capacity	400 Sheets or higher	
	Maximum Paper input capacity	1900 sheets or higher	
	ADF Capacity	150 sheets or higher	
	Paper size Support	A3+, A3, A4, B5, A5, A6, 5x7", 4x6", Legal, Letter, Envelopes	
	Maximum Paper thickness	64 to 256 GSM	
16	Scanning		
	Scanner	Flatbed & ADF CIS Color Scanner	
	Scan Features	Scan to USB, Scan to Network Folder/FTP, Scan to Email, Scan to PC (WSD)	
	Scan file formats	JPEG, PDF (Compact PDF; Encrypted PDF; Searchable PDF), PNG, TIFF, DOCX/PPTX/XLS	
	Scan Speed	Flatbed (BW/Color): 4 Sec/5 Sec or better ADF: 50 PPM /100 IPM or better	
	Scan Resolution	1200 x 2400 dpi or better	
	Duplex ADF Support	Yes	
17	Copying		
	Copying Speed	Min. 23 ipm / 22 ipm (Black / Colour)	
	Duplex Copying Speed	Min. 15 ipm / 15 ipm (Black / Colour)	
	Copy Resolution	Up to 600 x 600 dpi	
	Duplex Copying	Yes	
18	Fax		
	Fax Speed	33 Kbps or better	
	Fax Features	PC Fax (TX / RX), Auto Redial, Address Book, Delay Send, Transmit reservation, Broadcast FAX (Mono)	
19	Warranty	Three years comprehensive onsite warranty	

Item No. 35: Multifunction printer 100 PPM (A3) Option 2

Sr No	Technical Specification		Compliance (Yes/No) Make & Model
1	Functions	Print, Scan, Copy	
2	Print Technology	Inkjet Technology	
3	Print Resolution	600 x 1200 dpi	
4	Print Language support	PCL, PS3	
5	First Print Time	7 sec or better	
6	Print Speed	A4 Mono (Simplex/Duplex)	100 /100 ppm or better
		A3 Mono (Simplex/Duplex)	52/35 ppm or better
7	Paper Size	Standard Tray	Cassette: Max. size A3 (11.7" x 17" mm)
8	Paper Weight	Standard Tray	Simplex: 60 gsm to 200 gsm
			Duplex: 60 gsm to 120 gsm Upto A3
		Feed Tray	Simplex: 52 gsm to 350 gsm
			Duplex: 60 gsm to 104 gsm Upto A3
9	Paper Tray Capacity	Standard Tray	2200 sheets or better
		Feed Tray	150 sheets or better
10	ADF Capacity		150 sheets or better
11	Interface		USB, Ethernet, Wi-Fi
12	Memory Capacity		3GB or higher
13	Hard Disk Capacity		320GB or higher
14	Operating System		Windows, Mac & Linux
15	Power Consumption		Max. 180W
16	Monthly duty cycle		Up to 400000 pages
17	Warranty		3 Years comprehensive onsite warranty

Item No. 36: Multifunction printer 100 PPM colour (A3) Option 3

Sl No	Technical Specifications		Compliance (Yes/No) Make & Model
1	Type	Print, Scan, Copy, Fax, ADF, Color	
2	Print Technology	Inkjet	
3	Ink Type	Pigment Ink	
4	Print Speed (ISO)	A4, Simplex (Black/Color): Up to 100 ipm / 100 ipm A3, Simplex (Black/Color): Up to 54 ipm / 54 ipm	
5	Memory	4 GB or higher	
6	Hard disk	320 GB or higher	
7	Duplex Printing	Yes	
8	Print Resolution (Max)	1200 x 2400 dpi or better	
9	Copying Speed (ISO)	Upto 60 PPM (A4) or better	
10	Max Copies from Standalone	900 copies or better	
11	Reduction / enlargement	25% - 400%	
12	Copy Resolution	600 x 600 dpi	
13	Max copy size	A3	
14	Scanner type	Flatbed with ADF	
15	Optical Resolution	1200 x 2400 dpi or better	
16	Max Scan Area	A3	
17	Scan Speed	ADF (Simplex / Duplex): Up to 60 ppm / 110 ipm or better	
18	Fax Features	Supported, Color & B/W, Approx 3 sec/page fax transmission speed	
19	Number of Paper Trays	05 (4 Front tray + 1 Rear Feed Slot)	
20	Standard Paper Input Capacity	2200 sheets or higher	
21	Interface	Hi Speed USB, Ethernet, Wi-Fi, Wi-Fi direct	
22	Power Consumption	300 Watts	
23	Consumable Yield	High-capacity Ink Cartridge (Black): 50000 pages, Color (CMY) composite Yield: 50000 pages.	

24	Warranty	3 Years comprehensive onsite warranty	
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Item No. 37: Mono chrome single function laser printer

S.No	Parameter	Requirement	Compliance (Yes/ No)
1.	Printing Technology	Laser	
2.	Type of Printing	Mono	
3.	Paper size	A4	
4.	Printing Speed PPM	30PPM or Higher	
5.	Resolution	600*600dpi	
6.	Memory (MB)	128MB or Higher	
7.	USB Port	USB 2.0 or Higher	
8.	Network Connectivity	YES	
9.	Paper Tray capacity	Min 250 pages	
10.	Number of Paper Tray	Min 1	
11.	Wi Fi Connectivity	YES	
12.	Duplex	YES	
13.	Duty cycle/month (No of Prints)	Min 30000 pages	
14.	BIS Registration	required	
15.	On site OEM Warranty	Three years comprehensive onsite warranty	

Item No. 38: Mono Chrome MFP Laser Printer 28PPM with ADF and WI-FI

S. no	Parameter	Requirement	Compliance (Yes/ No) Make & Model No.
1.	Printing Technology	Laser	
2	Type of Printing	Mono	
3	Paper size	A4	
4.	Printing Speed PPM	28PPM or Higher	
5.	Resolution	600*600dpi	
6.	Memory (MB)	256MB or Higher	
7	Copy speed (Mono)	10 CPM or Higher	

8	Scan speed black	Min 6 ppm	
9	USB Port	USB 2.0 or Higher	
10.	Network Connectivity	YES/RJ45	
11.	Paper Tray capacity	Min 250 pages	
12.	Number of Paper Tray	Min 1	
13.	Wi Fi Connectivity	YES	
14.	Duplex	YES	
15	ADF Capacity	35 Sheets	
15.	Duty cycle/month(No of Prints)	Min 30000 pages	
16.	BIS Registration	Required	
17.	On site OEM Warranty	Three years comprehensive onsite warranty	

Item No. 39: Mono Chrome MFP Laser Printer 45PPM with WI-FI and DADF

S.No	Parameter	Requirement	Compliance(Yes/No)
1.	Printing Technology	Laser	
2	Type of Printing	Mono	
3	Paper size	A4	
4.	Printing Speed PPM	45PPM or Higher	
5.	Resolution	600*600dpi	
6.	Memory (MB)	1 GB or Higher	
7	Copy speed (Mono)	10CPM or Higher	
8	Scan speed black	Min 6 ppm	
9	USB Port	USB 2.0 or Higher	
10.	Network Connectivity	YES	
11.	Paper Tray capacity	Min 250 pages	
12.	Number of Paper Tray	Min 1	
13.	Wi Fi Connectivity	YES	
14.	Duplex	YES	
15	DADF Capacity	50 Sheets	
16.	Duty cycle/month(No of Prints)	Min 75000 pages	
17.	BIS Registration	Required	

18.	On site OEM Warranty	Three years comprehensive onsite warranty	
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Item No. 40: Color Laser Printer A-4 18PPM or Higher

S.No	Parameter	Requirement	Compliance (Yes/No)
1.	Printing Technology	Laser	
2	Type of Printing	Colour	
3	Paper size	A4	
4.	Printing Speed (A4)-Mono (PPM)	18PPM or Higher	
5	Printing Speed (A4)-colour (PPM)		
6	Resolution Mono (Dpi)	600*600dpi or higher	
7.	Resolution Colour (Dpi)	600*600dpi or higher	
6.	Memory (MB)	256 GB	
7	Copy speed (Mono)	28CPM or Higher	
8	Scan speed black	Min 6 ppm	
9	USB Port	USB 2.0 or Higher	
10	Paper Tray capacity	Min 250 pages	
11	Number of Paper Tray	Min 1	
12	Wi Fi Connectivity	YES	
13	Duplex	YES	
14	Duty cycle/month (No of Prints)	Min 30000 pages	
15	BIS Registration	Required	
16	On site OEM Warranty	Three years comprehensive onsite warranty	