GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. PC-VII/2020/HRMS/1(Pt) **New Delhi, dated: 22.12.2025**

The Principal Chief Personnel Officers,
All Indian Railways/Units
(As per standard mailing list)

Sub: Hardware procurement for implementation of HRMS in Indian Railway

Ref: Board's letter No. PC-VII/2020/HRMS/1(Pt) dated 18.08.2025

Board's letter No. PC-VII/2020/HRMS/1(Pt) dated 01.07.2020

Kindly refer to Board's letters under reference wherein limits of expenditure have been earmarked for each Railway/Unit to be carried out towards procurement of digital hardware for implementation of HRMS project. In this context, requests for clarification regarding the total limit of expenditure available to each railway have been received from Field Units.

2. In this context, the following points are clarified:

(a) The funds allocated towards procurement of digital hardware, as specified vide Board's letter dated 18.08.2025 are over and above the limits specified vide Board's letter dated 01.07.2020 and the two are not correlated.

(b) However, Only the expenditure incurred on procurement of digital hardware for HRMS project till 10.03.2025 can be booked against the funds allocated vide Board's letter dated 01.07.2020. Any remaining funds as on 10.03.2025 shall be treated as lapsed.

(c) All indents for procurement of digital hardware for implementation of HRMS system w.e.f. 10.03.2025 shall be made only against the expenditure limits specified for each Field Unit vide Board's letter dated 18.08.2025.

3. This issues with the approval of Competent Authority.

Encl: As above

22/12/25

(Jaya Kumar G)
Joint Director, Pay Commission & HRMS
Railway Board
(e-mail: jaya.kumarg@gov.in)
(Ph: 011-47845125)

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. PC-VII/2020/HRMS/1(Pt) **New Delhi, dated: 18.08.2025**

The General Managers,
All Indian Railways and Production Units/Training Institutes
(As per standard mailing list)

Sub: Hardware procurement for implementation of HRMS in Indian Railways.

Ref: Board's letter No. PC-VII/2020/HRMS/1(Part) dated 01.07.2020

Kindly refer to Board's letter dated 01.07.2020 wherein Railway Units were empowered to procure hardware equipments viz. Personal Computers, Ink Tank Printers, Dongles, Scanners and Finger Print Scanners for implementation of HRMS system. Specifications of the computer hardware along with the number and upper limit of expenditure on the same were also communicated through the said letter.

2. Now, with the revision in funds allocated towards procurement of hardware for implementation of HRMS, the revised specifications of computer hardware along with revised limits for each Railway Unit are enclosed at ***Annexure-I*** and ***Annexure-II*** respectively. This supersedes the earlier limits specified vide Board's letter dated 01.07.2020.

3. The procurement may be made compulsorily through GeM and strictly in accordance with the Indian Railway SOP for procurement of IT equipments while ensuring that the limits specified at ***Annexure-II*** are not breached in any case. However, if a Unit has already procured any equipment(s) in excess to the revised limits specified at ***Annexure-II***, they may not make any further procurement of the said item(s) and strictly ensure that the overall limit of expenditure and number of equipments specified for the Unit is not breached in future procurements.

4. Cost incurring towards purchase of such hardware shall be raised to Northern Railway against specific work 'ERP based Human Resource Management System' sanctioned vide Item No. 197 of Pink Book 2016-17.

5. Details of the hardware procured shall be invariably intimated to Board's office.

6. This issues with the concurrence of C&IS and Finance Directorates in Railway Board.

Encl: As above

18/8/25

(Jaya Kumar G)
Joint Director, Pay Commission & HRMS
Railway Board
(e-mail: jaya.kumarg@gov.in)
(Ph: 011-47845125)

--- 2/-

Annexure-I

Technical specifications of Hardware

S. No	Item	Technical Specifications
1	Personal Computer	1. Processor - AMD Ryzen 5 5600G/Intel Core i5 12400 2. RAM - Minimum 16GB DDR4 with support of suitable slots to expand memory upto 32 GB 3. Hard Disk - Minimum 500 GB HDD & 500 GB SSD (Nvme) 4. Optical drive - Super Multi DVD Writer 5. Monitor - screen size 19"WTFT or higher 6. Audio - Integrated audio with internal Speaker 7. Ethernet - Integrated Gigabit (10/100/1000 NIC) LAN 8. Bays - Minimum 2 internal bays of 2.5" 9. Camera - 2.0 Megapixel and above 10. Power Supply - 160w or less 11. Port - 6 USB Ports (atleast 2 X USB 3.0) 12. Form Factor - All in One 13. Keyboard - USB/Cord less 104 keys keyboard (same make as PC) 14. Mouse - USB/Cord less 2 Button Scroll Mouse (Same make as PC) 15. Operating System - Genuine Microsoft Windows 11 Pro 64-bit preloaded. 16. Compliance and Certification - Windows 11 17. License - e-license 18. Warranty - 3 years onsite comprehensive.
2	Ink Tank printer	1. Printing Technology – On demand inkjet (Piezo-electric) 2. Print Quality/ Resolution – 4800 * 1200 dpi or higher 3. Min. Ink Droplet volume – 3 pl 4. Duplex Printing - Automatic 5. Print Speed (B/C) – 30 ppm/ 15 ppm (draft) 6. One Ethernet LAN port - 10/100 Mbps (RJ 45) 7. Wireless Supported technology 802.11 b/g/n/ac 8. Compatible OS – MS Windows 11/10/ 8.1/ 8/ 7 (32/64 bit) 9. At least 01 USB Port 10. Power Adapter to operate in 200-240 V AC (50-60 Hz) 11. On Site Warranty for 03 year
3	Dongles/ Wifi devices	1. Expandable Memory Capacity- 32 GB 2. SMS Support -Yes 3. Memory Card Slot Support- micro SD card 4. Power Source - USB 5. External Interface - Standard USB interface 6. SIM or UIM Support - 3G/4G SIM 7. Indicator - Coloured LED 8. Network Type - GSM

15/8/21

... 3/-

		9. Form Factor - USB Dongle 10. Installation Features - Plug And Play
4	Scanner	1. Captured Size - Up to A3 Size 2. Adjustable Height Options - A5 / A4 / A3 3. Captured Speed - Approx. 1 second 4. Image Adjustment - Color (R/G/B) and Brightness Adjustment, Gamma Correction, Hue, Exposure, Sharpness Adjustment and Gain Control 5. Medium Type - Book, actual product, picture, character, magazine, ID card, visiting card, photo and so on 6. Operating Systems - Microsoft Windows XP /VISTA/ 7 Office 2003 or above needed for OCR function 7. Power - USB powered (No adapter required) 8. Scaanner Type - Foldable and Contactless with Adjustable Height 9. Image Resolution - 2592 x 1944 pixels (5.0 MP) 10. Interface - USB 2.0 11. Image Formats - JPG, BMP, TIF, PDF, GIF, PNG, TGA, PCX 12. Light - Light – Natural light / LED light 6 LEDs with controller for efficient LED lightning & Night vision. 13. Weight - 628g (With USB Cable) & 551g (Only Scanner)
5	Finger Print Scanner	1. LCD - Yes 2. LCD Resolution - VGA 3. Scratch Proof - Yes 4. Material - Plastic 5. Identification Method - Fingerprint 6. Fingerprint Capacity - 100000 7. Card Capacity-100000 8. Power Requirement-5 VOLT 9. Identification Speed-< 0.8 sec 10. Type-Access Control, Time & Attendance, Payment Device 11. Display Type-LCD 12. Communication Interface-USB / Micro Port 13. Operating System-Plug & Play 14. Suitable For-AADHAR VERIFICATION, ACCESS CONTROL

******

18/8/21

Annexure-II

		Upper limit of expenditure for each Hardware component					
S.No	Railway	PC	Printer	Internet Dongle	Scanner	Finger Print Scanner	Total Upper Limit of expenditure
1	CR	54694884	3917529	46782	813552	332220	59804967
2	ECOR	25686426	1831572	24408	389827	155940	28088173
3	ECR	43423704	3103497	40680	644062	264420	47476363
4	ER	56771154	4053201	46782	847450	339000	62057587
5	Metro Railway	2076270	152631	2034	33898	13560	2278393
6	NCR	34762692	2492973	32544	525419	213570	38027198
7	NER	27050832	1933326	24408	406776	166110	29581452
8	NFR	32033880	2289465	28476	491521	196620	35039962
9	NR	71957586	5121618	56952	1084736	430530	78651422
10	NWR	26338968	1882449	24408	406776	159330	28811931
11	SCR	44313534	3171333	40680	677960	271200	48474707
12	SECR	25330494	1814613	22374	389827	155940	27713248
13	SER	44313534	3171333	40680	677960	271200	48474707
14	SR	46033872	3290046	42714	694909	281370	50342911
15	SWR	20347446	1441515	18306	305082	125430	22237779
16	WCR	29779644	2136834	26442	457623	183060	32583603
17	WR	52322004	3747939	48816	796603	318660	57234022
18	CLW	5635590	390057	6102	84745	33900	6150394
19	DLW	3084744	220467	2034	50847	16950	3375042
20	DMW	1720338	135672	2034	16949	10170	1885163
21	ICF	5101692	373098	4068	84745	30510	5594113
22	RCF	3559320	237426	4068	50847	20340	3872001
23	RCF/RBL	1186440	67836	2034	16949	6780	1280039
24	RWF	1186440	67836	2034	16949	6780	1280039
25	COFMOW	118644	16959	2034	16949	3390	157976
26	CORE	1186440	101754	2034	16949	6780	1313957
27	IRIEEN	118644	16959	2034	16949	3390	157976
28	IRIMEE	118644	16959	2034	16949	3390	157976
29	IRISET	118644	16959	2034	16949	3390	157976
30	RDSO	1186440	67836	2034	16949	6780	1280039
31	IRIFM	118644	16959	2034	16949	3390	157976
32	RPSF	4864404	339180	4068	67796	30510	5305958
33	RLY BD	593220	50877	2034	16949	3390	666470
	Total	**667135212**	**47688708**	**610200**	**10169400**	**4068000**	**729671520**

18/8/25

--- 5/ —

Upper Limit of unit cost for Hardware equipments:

S.No	Item	Unit Cost (Rs.)
1	Personal Computer	59322
2	Ink-tank Printer	16959
3	W-Fi Dongle	2034
4	Scanner	16949
5	Finger Print Scanner (FPS)	3390

*****

18/8/25

X —— X.

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No. PC-VII/2020/HRMS/1(Part) **New Delhi, dated: 01 .07.2020**

The General Managers,
All Indian Railways and Production Units/Training Institutes
(As per standard mailing list)

Sub: Hardware procurement for HRMS data entry in Railways.

In connection with roll out of HRMS package by the target deadline **September, 2020** many Railways requested to provide separate hardware for this purpose exclusively. This issue has been examined in Board's Office in consultation with CRIS, developer for the project, and decision has been taken to authorize all Zonal Railways/Production Units to procure required hardware in local manner according to the existing instructions/guidelines to be followed while making such purchases. In this regard Item specification with cost and Technical specification of Hardware (Desktop, Ink-Tank Printers, Dongals, scanner, finger print scanner) given by CRIS is enclosed as ***Annexure-I & II*** respectively. The specifications and cost thereof shall be strictly adhered while purchasing the hardware. The procurement should be made as per Railways SOP by taking into account the existing infrastructure subject to total limit prescribed for each unit in ***Annexure-III.***

2. Though estimate of hardware requirement across various units as per on roll strength has been made in Board's office but it is also stated that since there has been substantial augmentation of hardware in all units as a lot of software have been installed and which are running successfully, for example IPAS is now running which has already made sure that PCs, Internet Connection, Printers have been provided. Therefore, it is advised to make sure that there is no duplication and the assets are not procured indiscriminately without taking stock of available infrastructure. In any case the number of items purchased shall not exceed the entitlement of each Railway mentioned in ***Annexure-III.*** Procurement has to be compulsorily done through GeM as per the SOP of Railways/PUs.

3. Cost incurring towards purchase of such hardware shall be raised to Northern Railway against the specific work 'ERP based Human Resource Management System' sanctioned vide item no. 197 of Pink Book 2016-17(appear against Item no. 196 of P.B. 2019-20).

4. The details of hardware on being purchased shall be intimated to Board's Office invariably.

5. This issues with the concurrence of C&IS and Finance Directorate Railway Board.

Encl. As above.

MAHENDRA KUMAR GUPTA
Digitally signed by MAHENDRA KUMAR GUPTA
Date: 2020.07.01 14:46:26 +05'30'

(M. K. Gupta)
Executive Director, Pay Commission-II
Railway Board

Annexure-I

Table : Hardware Specification

S. No.	Item Specification	Brand/Model
1.	Intel Core i5, window 10 Professional, 8 GB RAM, 1000 GB HDD,	HP 600 G3 AIO i5 Win 10P 813 21.5'NT (hp)
2.	Print, Scan and copy functions. Wireless printing with WiFi	EPSON / EcoTank L3150
3.	50 GB per month, 8 users connectivity, 4 mbps speed for downloading, OS supported	Airtel WiFi dongal (AIRTEL WIFI)
4.	Digital Camera scanning,	iBall ClickScan A305 Document Scanner
5.	Fingerprint Scanner device for use with Desktop, Laptop, Tablet, POS Device etc.	Morpho mso 1300e3 usb fingerprint device (Morpho)

****

MAHENDRA KUMAR GUPTA
Digitally signed by MAHENDRA KUMAR GUPTA
Date: 2020.07.01 14:47:09 +05'30'

Annexure-II

Table : Technical specification of Hardware

S. No	Item	Suggested Specification
1	• PC (All in One) • UPS	1. Processor - Intel 7th Generation Core i5-7500, 3.4 GHz, 6 MB Cache with Integrated HD 630 Graphics, VPro enabled or better. 2. Memory - 8 GB DDR4 RAM 2400 MT/s, expandable upto 32 GB, Single slot 3. Hard Disk - 1 TB SATA HDD, 7200 RPM 4. Optical drive - Super Multi DVD Writer 5. Monitor - 18.5" minimum resolution 1920 X 1080 6. Audio - Integrated audio with internal Speaker 7. Ethernet - Integrated Gigabit (10/100/1000 NIC) LAN 8. Bays - Minimum 2 internal bays of 2.5" 9. Camera - 2.0 Megapixel and above 10. Power Supply - 160w or less 11. Port - 6 USB Ports (atleast 2 X USB 3.0) 12. Form Factor - All in One 13. Keyboard - USB/Cord less 104 keys keyboard (same make as PC) 14. Mouse - USB/Cord less 2 Button Scroll Mouse (Same make as PC) 15. Operating System - Genuine Microsoft Windows 10 Pro 64-bit preloaded. 16. Compliance and Certification - Windows 10 17. License - e-license 18. Warranty - 3 years onsite comprehensive.
2	Ink Tank printer	1. Printing Technology – On demand inkjet (Piezo-electric) 2. Print Quality/ Resolution – 4800 * 1200 dpi or higher 3. Min. Ink Droplet volume – 3 pl 4. Duplex Printing - Automatic 5. Print Speed (B/C) – 30 ppm/ 15 ppm (draft) 6. One Ethernet LAN port - 10/100 Mbps (RJ 45) 7. Wireless Supported technology 802.11 b/g/n/ac

MAHEN DRA KUMAR GUPTA
Digitally signed by MAHENDRA KUMAR GUPTA
Date: 2020.07.01 14:48:32 +05'30'

		8. Compatible OS – MS Windows 10/ 8.1/ 8/ 7 (32/64 bit) 9. At least 01 USB Port 10. Power Adapter to operate in 200-240 V AC (50-60 Hz) 11. On Site Warranty for 03 year
3	Dongles/ Wifi devices	1. Expandable Memory Capacity- 32 GB 2. SMS Support -Yes 3. Memory Card Slot Support- micro SD card 4. Power Source - USB 5. External Interface - Standard USB interface 6. SIM or UIM Support - 3G/4G SIM 7. Indicator - Coloured LED 8. Network Type - GSM 9. Form Factor - USB Dongle 10. Installation Features - Plug And Play
4	Scanner	1. Captured Size - Up to A3 Size 2. Adjustable Height Options - A5 / A4 / A3 3. Captured Speed - Approx. 1 second 4. Image Adjustment - Color (R/G/B) and Brightness Adjustment, Gamma Correction, Hue, Exposure, Sharpness Adjustment and Gain Control 5. Medium Type - Book, actual product, picture, character, magazine, ID card, visiting card, photo and so on 6. Operating Systems - Microsoft Windows XP /VISTA/ 7 Office 2003 or above needed for OCR function 7. Power - USB powered (No adapter required) 8. Scaanner Type - Foldable and Contactless with Adjustable Height 9. Image Resolution - 2592 x 1944 pixels (5.0 MP) 10. Interface - USB 2.0 11. Image Formats - JPG, BMP, TIF, PDF, GIF, PNG, TGA, PCX 12. Light - Light – Natural light / LED light 6 LEDs with controller for efficient LED lightning & Night vision. 13. Weight - 628g (With USB Cable) & 551g (Only Scanner)
5	Finger Print Scanner	1. LCD - Yes 2. LCD Resolution - VGA 3. Scratch Proof - Yes 4. Material - Plastic 5. Identification Method - Fingerprint 6. Fingerprint Capacity - 100000 7. Card Capacity-100000 8. Power Requirement-5 VOLT

MAHENDRA KUMAR GUPTA
Digitally signed by MAHENDRA KUMAR GUPTA
Date: 2020.07.01 14:49:24 +05'30'

		9. Identification Speed-< 0.8 sec 10. Type-Access Control, Time & Attendance, Payment Device 11. Display Type-LCD 12. Communication Interface-USB / Micro Port 13. Operating System-Plug & Play 14. Suitable For-AADHAR VERIFICATION, ACCESS CONTROL

*****

MAHENDRA KUMAR GUPTA

Digitally signed by MAHENDRA KUMAR GUPTA
Date: 2020.07.01 14:48:54 +05'30'

Annexure-III

Table : Upper limit of requirement of Hardware across various Units

S. NO.	RLY (i)	No. of PC	No. of Ink Tank Printer	No. of Dongle	No of Scanner	No. of Finger Print Scanner	Upper Limit including Tax (in Rs.) (item (i) to (v))
		(i)	(ii)	(iii)	(iv)	(v)	(vi)
1	CR	417	209	417	104	417	Rs. 28406632/-
2	ECOR	196	98	196	49	196	Rs. 13350050/-
3	ECR	331	166	331	83	331	Rs. 22555817/-
4	ER	433	217	433	108	433	Rs. 29496432/-
5	Metro Railway	16	8	16	4	16	Rs. 1089800/-
6	NCR	265	133	265	66	265	Rs. 18053532/-
7	NER	206	103	206	51	206	Rs. 14024315/-
8	NFR	244	122	244	61	244	Rs. 16619450/-
9	NR	548	274	548	137	548	Rs. 37325650/-
10	NWR	201	101	201	50	201	Rs. 13694332/-
11	SCR	338	169	338	85	338	Rs. 23028885/-
12	SECR	193	97	193	48	193	Rs. 13149432/-
13	SER	338	169	338	84	338	Rs. 23015165/-
14	SR	351	176	351	88	351	Rs. 23918067/-
15	SWR	155	77	155	39	155	Rs. 10553718/-
16	WCR	227	114	227	57	227	Rs. 15472117/-
17	WR	399	200	399	100	399	Rs. 27187467/-
18	CLW	43	21	43	11	43	Rs. 2925118/-
19	DLW	23	12	23	6	23	Rs. 1577167/-
20	DMW	13	7	13	3	13	Rs. 889182/-
21	ICF	39	20	39	10	39	Rs. 2666967/-
22	RCF	27	13	27	7	27	Rs. 1835318/-
23	RCFRBL	9	4	9	2	9	Rs. 602433/-
24	RWF	9	4	9	2	9	Rs. 602433/-
25	COFMOW	1	1	1	1	1	Rs. 85552/-
26	CORE	9	5	9	2	9	Rs. 616732/-
27	IRIEEN	1	1	1	1	1	Rs. 85552/-
28	IRIMEE	1	1	1	1	1	Rs. 85552/-
29	IRISET	1	0	1	1	1	Rs. 71253/-
30	RDSO	9	4	9	1	9	Rs. 588713/-
31	RSC/NAIR	1	1	1	1	1	Rs. 85552/-
32	RPSF	37	18	37	9	37	Rs. 2509583/-
33	RLY BD	5	3	5	1	5	Rs. 344282/-

*****

MAHENDRA KUMAR GUPTA

Digitally signed by MAHENDRA KUMAR GUPTA
Date: 2020.07.01 14:47:51 +05'30'