



भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
रेलवे बोर्ड Railway Board



No. 2023/M(C)/142/4Pt VI

E-file No. 3433309
New Delhi, Date: 10.07.2023

General Managers
All Zonal Railways

Sub: Provision of Fire detection and Suppression System in Power Cars and Pantry cars and FDSS in AC coaches.

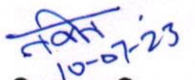
**Ref: i. Railway Board Letter no. 2023/M(C)/142/4 pt VI dated 08.06.2023.
ii. Railway Board Letter no. 2020/M(C)/142/4 pt VI dated 08.06.2023.**

Provisions of adequate safeguards to avoid fire in coaches have always been top priority of Indian Railways. Vide letters under references above, adequate instructions and CAPEX support have already been issued to all concerned Zonal Railways for expediting provision of Fire detection system in AC coaches, Fire detection cum suppression system in Power Cars and Pantry Cars and provision of Fire extinguishers in Non AC coaches.

However, the progress of these works have not been satisfactory. Zonal Railway wise detailed status for above items is enclosed as **Annexure I, II, III and IV** respectively.

Considering seriousness of the matter, it is advised to instruct all concerned to expedite provision of Fire detection cum alert system in all eligible AC coaches, Fire detection cum suppression system in all eligible Power Cars & Pantry Cars and provision of Fire extinguishers in all eligible Non-AC coaches by December'2023

A monthly report may further be sent to Board for information.


(नवीन गुलाटी)
सदस्य (कर्षण एवं चल स्टॉक)
रेलवे बोर्ड

C/-All PCMEs Zonal Railways and ICF, RCF & MCF for necessary information and necessary action please.



भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
रेलवे बोर्ड Railway Board



(E- File No. 3351658)

2021/M(C)/142/4 (10)

New Delhi, Dated - 10.05.22

The Principal Chief Mechanical Engineers,
NER, WCR, ER, NFR, CR.

Sub: RSP work regarding Fire extinguishers in non-AC coaches.

- Ref: (i) CME/Plg/NER's letter No. 244/A/Program/RSP/2021-22 Dated 17.03.22.
(ii) PCME/WCR letter No. WCR.M.G.01.251- III Dated 09.03.22.
(iii) CRSE/Chg/ER's letter No. MC/264/XIII Dated 08.12.21.
(iv) CRSE/Chg/NFR's letter No. Mech/C&W/RSP/Pt.XII/153 Dated 02.12.21.
(v) CWE/CR's letter No. M.581.RC.17.RSP Dated 24.11.21.

Vide letters under reference above, ZRs have sought allotment for the work of Fire extinguishers in non-AC coaches under Bulk RSP.

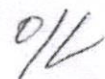
In this regard it is intimated that there is no balance sanction available under any Bulk RSP work for allotment of the work of provision of Fire extinguishers in Non-AC coaches.

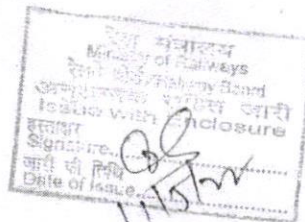
Therefore, this work may further be executed under Revenue / Itemized RSP.

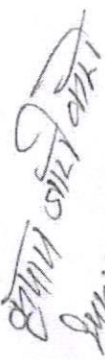
For further action please.


(शैलेन्द्र सिंह)

कार्य निदेशक / यांत्रिक इंजी. (ई.एन.एच.एम. एवं प्रोजेक्ट)
रेलवे बोर्ड

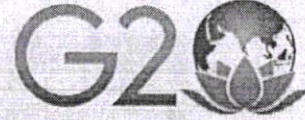





Suraj Kumar



भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
रेलवे बोर्ड Railway Board



(E-File No. -3433309)

No. 2023/M(C)/142/4ptVI

New Delhi, Date: 08.06.2023

General Manager
All Zonal Railways

Sub: RSP Allotment of Fire detection and suppression system in Power Cars and Pantry Cars

Ref: i. Railway Board Letter No. 2019/M/C/142/4 dated 21.11.2019.

ii. Railway Board Letter No 2017/M/C/142/4 dated 01.09.2017.

iii. Railway Board Letter No. 2020/M/C/142/4PtVI dated 15.09.2022.

In reference to the allotments issued vide letters under reference above, RSP work for Provision of Automatic Fire Detection and suppression system in Power Car and Pantry the revised/additional distribution are issued as enclosed under **Annexure-I** and **Annexure-II**.

With above distribution, it is understood that all eligible Pantry and Power Cars are covered, Zonal Railways are accordingly advised to confirm the same, indicating availability of surplus/additional requirements, if any and also to target to complete the work within 2023-24 only.

The work shall be carried out in LHB Pantry Cars first. Considering safety aspect of the work ICF Pantry Cars/Power Cars which are planned to be utilized in services for considerable period of 3 years or more, may also be considered.

Action plan accordingly should further be submitted to this office by 10 June 2023.

DA: As above

(सुमन कुमार ताली)
निदेशक / यांत्रिक इंजी. को.
रेलवे बोर्ड

C/- ED/Carriage/RDSO for kind information and necessary action please.

-PCMEs/All Zonal Railways for kind information and necessary action

Annexure-I (To the letter No. No. 2023/M(C)/142/4ptVI, Dated: 08.06.2023)

Sr. No.	ZRs	486/22-23 (1218/14-15)		506/23-24 (538/22-23) (1242/17-18)		544/23-24 (581/22-23) (1243/18-19)		661/23-24 (662/22-23) (1333/20-21)		661/23-24 (662/22-23) (1333/20-21)	Total	
		Allotment	Balance	Allotment	Balance	Allotment	Balance	Allotment	Balance	Additional allotment	Allotment	Balance RSP to be executed
1	CR			10	0	30	0	26	26		66	26
2	ECOR					20	0	30	30		50	30
3	ECR			20	20	27	27	17	17		64	64
4	ER			10	0	20	0	13	3		43	3
5	NCR					5	0			10	15	10
6	NER					20	17	7	5		27	22
7	NFR					20	20				20	20
8	NR	20	0	80	39	75	0			30	205	69
9	NWR					18	11	5	5		23	16
10	SCR					30	30			15	45	45
11	SECR					15	3				15	3
12	SER			10	0	30	0			15	55	15
13	SR			10	0	30	0	42	42		82	42
14	SWR	10	0			20	0	13	13		43	13
15	WCR							7	7	10	17	17
16	WR	20	0	10	0	40	0	10	10		80	10
Total		50	0	150	59	400	108	170	158	80	850	405

Handwritten signature and date:
08/06/23

Annexure-II (To the letter No. No. 2023/M(C)/142/4pt. VI, Dated: 08.06.2023)

Sr. No	ZRs	506/23-24 (1243/17-18)		545/23-24 (1244/18-19)		617/23-24 (1334/20-21)		TOTAL	
		Initial Allotment	Revised Allotment	Initial Allotment	Revised Allotment	Initial Allotment	Revised Allotment	Initial Allotment	Revised Allotment
1	CR	0	0	50	40	17	2	67	42
2	ECOR	0	5	30	55	18	18	48	78
3	ECR	15	15	30	30	8	8	53	53
4	ER	25	25	30	30	10	5	65	60
5	NCR							0	0
6	NER			15	0	15	5	30	5
7	NFR			35	40	0	22	35	62
8	NR	40	25	30	25			70	50
9	NWR					19	19	19	19
10	SCR			25	25	0	6	25	31
11	SECR			10	10	0	5	10	15
12	SER			35	35	0	25	35	60
13	SR			55	55			55	55
14	SWR			30	30	9	30	39	60
15	WCR					2	10	2	10
16	WR	20	30	25	25	5	5	50	60
Total		100	100	400	400	103	160	603	660

08/06/23

No. No. 2020/M(C)/142/4ptVI

(E-File No. - 3318291)
New Delhi, Date: 08.06.23

General Manager
All Zonal Railways

Sub: Provision of Automatic Fire & Smoke Detection System.

- Ref: i. Railway Board Letter No. 2020/M/C/142/4PtVI dated 03.12.21.
ii. Railway Board Letter No. 2020/M/C/142/4PtVI dated 25.03.22
iii. Railway Board Letter No. 2020/M/C/142/4PtVI dated 12.05.21

Subsequent to the allotments issued vide references above, in relation to the RSP work for Provision of Automatic Fire & Smoke Detection System in AC coaches, additional allotments under Pink Book item No. 1258/23-24 and 661/22-23 are issued as below:

Sr. No	Zonal Railway	PB item No (Allotments issued)	Quantity executed against allotment	Balance	Additional allotment	Total Balance Quantity
					Pink Book item No1258/23-24	
1	CR	519/22-23 (100), 572/22-23 (600), 661/22-23 (415)	100	1015	0	1015
2	ECOR	477/22-23 (25), 519/22-23 (100), 572/22-23 (350), 661/22-23 (155)	293	337	400	737
3	ECR	477/22-23 (25), 572/22-23 (420), 661/22-23 (109)	0	554	50	604
4	ER	477/22-23 (100), 485/22-23 (100), 572/22-23 (606), 661/22-23 (286)	371	721	0	721
5	NCR	485/22-23 (25), 572/22-23 (220),	191	54	50	104
6	NER	485/22-23 (57), 519/22-23 (100), 572/22-23 (140), 661/22-23 (127)	178	246	50	296
7	NFR	572/22-23 (450),	20	430	300	730
8	NR	456/22-23 (500), 572/22-23 (1000), 661/22-23 (600)	1436	664	0	664
9	NWR	572/22-23 (450), 661/22-23 (43)	0	493	50	543

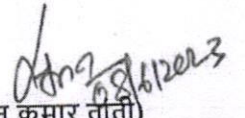
08/6/23

10	SCR	485/22-23 (100), 572/22-23 (550),	0	650	350	1000
11	SECR	572/22-23 (234), 661/22-23 (65)	279	20	100	120
12	SER	572/22-23 (600),	0	600	700	1300
13	SR	519/22-23 (100), 572/22-23 (700), 661/22-23 (320)	567	553	550	1103
14	WCR	485/22-23 (60), 572/22-23 (60), 661/22-23 (41)	0	161	150	311
15	WR	477/22-23 (100), 485/22-23 (28), 572/22-23 (750), 661/22-23 (417)	97	1198	50	1248
					2800	10496
					Pink Book item No. 661/22-23.	
16	SWR	485/22-23 (60), 519/22-23 (100), 572/22-23 (370),	119	411	422	833
Total		11828	3651	8107	3222	11329

With above distribution, it is understood that all eligible coaches are covered, Zonal Railways are accordingly advised to confirm the same, indicating availability of surplus/ additional requirements, if any and also to target to complete the work within 2023-24 only.

The work shall be carried out in LHB AC coaches first. Considering safety aspect of the work, ICF coaches which are planned to be to be utilized in passenger services for considerable period of 3 years or more, may also be considered.

Action plan accordingly should further be submitted to this office by 10 June 2023.


 (सुमन कुमार तंती)
 निदेशक / यांत्रिक इंजी. को.
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C/- ED/Carriage/RDSO for kind information and necessary action please.
 -PCMEs/All Zonal Railways for kind information and necessary action

Annexure I

AC Coaches													
Details of Holding					with Fire Detection system			<u>without</u> Fire Detection system			Details of RSP		
S.No	ZR	LHB	ICF	TOTAL	LHB	ICF	TOTAL	LHB	ICF	TOTAL	Total RSP allotment	Executed Under RSP	<u>Total Balance available under RSP</u>
1	CR	897	487	1384	508	0	508	389	487	876	1115	100	1015
2	EcOR	1043	377	1420	767	1	768	276	376	652	1030	293	737
3	ECR	929	131	1060	578	1	579	351	130	481	604	0	604
4	ER	927	399	1326	926	199	1125	1	200	201	1092	371	721
5	NCR	301	101	402	299	73	372	2	28	30	295	191	104
6	NER	888	123	1011	833	29	862	55	94	149	474	178	296
7	NFR	932	165	1097	554	0	554	378	165	543	750	20	730
8	NR	1379	305	1684	1371	188	1559	8	117	125	2100	1436	664
9	NWR	724	378	1102	703	0	703	21	378	399	543	0	543
10	SCR	728	579	1307	359	0	359	369	579	948	1000	0	1000
11	SEC R	275	140	415	275	140	415	0	0	0	399	279	120
12	SER	1093	302	1395	394	0	394	699	302	1001	1300	0	1300
13	SR	993	514	1507	879	190	1069	114	324	438	1670	567	1103
14	SWR	847	378	1225	442	0	442	405	378	783	952	119	833
15	WCR	409	173	582	341	1	342	68	140	208	311	0	311
16	WR	1695	419	2114	997	0	997	698	419	1117	1345	97	1248
	Total	14060	4971	19031	10226	822	11048	3834	4117	7951	14980	3651	11329

Annexure II

Power cars													
Details of Holding					with Fire Detection cum Suppression system			<u>without</u> Fire Detection cum Suppression system			Details of RSP		
S.No	ZR	LHB	ICF	Total	LHB	ICF	Total	LHB	ICF	Total	Total RSP allotment	Executed Under RSP	<u>Total Balance available under RSP</u>
1	CR	142	3	145	140	2	142	2	1	5	66	40	26
2	EcOR	109	6	115	92	0	92	17	6	18	50	20	30
3	ECR	121	0	121	85	0	85	36	0	44	64	0	64
4	ER	146	4	150	146	4	150	0	0	0	43	40	3
5	NCR	50	0	50	50	0	50	0	0	0	15	5	10
6	NER	97	7	104	93	5	98	4	2	6	27	5	22
7	NFR	134	0	134	119	0	119	15	0	18	20	0	20
8	NR	238	29	267	237	27	264	1	2	34	205	136	69
9	NWR	103	5	108	103	3	106	0	2	2	23	7	16
10	SCR	102	8	110	69	0	69	33	8	41	45	0	45
11	SECR	34	0	34	34	0	34	0	0	0	15	12	3
12	SER	119	6	125	119	0	119	0	6	6	55	40	15
13	SR	164	6	170	127	1	128	37	5	42	82	40	42
14	SWR	131	4	135	131	4	135	0	0	0	43	30	13
15	WCR	43	3	46	40	0	40	3	3	6	17	0	17
16	WR	215	8	223	215	7	222	0	1	1	80	70	10
	Total	1948	89	2037	1800	53	1853	148	36	184	850	445	405

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Pantry Car													
Details of Holding					with Fire Detection cum Suppression system			without Fire Detection cum Suppression system			Details of RSP		
S.No	ZR	LHB	ICF	TOTAL	LHB	ICF	TOTAL	LHB	ICF	TOTAL	Total RSP allotment	Execute d Under RSP	Total Balance available under RSP
1	CR	56	27	83	56	26	82	0	1	1	42	37	5
2	EcOR	67	34	101	54	1	55	13	33	46	78	30	48
3	ECR	63	3	66	47	1	48	16	2	18	53	0	53
4	ER	73	21	94	73	21	94	0	0	0	60	56	4
5	NCR	0	0	0	0	0	0	0	0	0	0	0	0
6	NER	23	0	23	22	0	22	1	0	1	5	0	5
7	NFR	69	15	84	35	0	35	34	15	49	62	0	62
8	NR	40	5	45	40	3	43	0	2	2	50	31	19
9	NWR	35	10	45	32	3	35	3	7	10	19	7	12
10	SCR	41	28	69	30	9	39	11	19	30	31	0	31
11	SEC R	14	10	24	14	5	19	0	5	5	15	5	10
12	SER	59	23	82	47	21	68	12	2	14	60	35	25
13	SR	88	35	123	88	35	123	0	0	0	55	53	2
14	SWR	52	19	71	52	18	70	0	1	1	60	28	32
15	WCR	6	0	6	3	0	3	3	0	3	10	0	10
16	WR	73	26	99	73	10	83	0	16	16	60	45	15
	Total	759	256	1015	666	153	819	93	103	196	660	327	333

Annexure IV

NON- AC Coaches													
Details-of NON- AC Holding					with Fire Extinguishers			without Fire Extinguishers			Details of RSP		
S.No	ZR	LHB	ICF	TOTAL	LHB	ICF	TOTAL	LHB	ICF	TOTAL	Total RSP allotment	Executed Under RSP	Total Balance available under RSP
1	CR	1133	1700	2833	1133	1700	2833	0	0	0	2400	2400	0
2	EcOR	964	1160	2124	964	1160	2124	0	0	0	1200	1200	0
3	ECR	1200	956	2156	1180	253	1433	20	703	723	2000	2000	0
4	ER	1337	742	2079	312	264	576	1025	478	1503	3400	2607	793
5	NCR	349	632	981	320	454	774	29	178	207	700	700	0
6	NER	668	916	1584	521	614	1135	147	302	449	1300	1300	0
7	NFR	965	1486	2451	965	1486	2451	0	0	0	1400	1300	100
8	NR	1298	2916	4214	298	2900	3198	1000	16	1016	3000	2900	100
9	NWR	594	1316	1910	594	1316	1910	0	0	0	1300	1300	0
10	SCR	626	2015	2641	603	1657	2260	23	358	381	2300	2300	0
11	SEC R	335	505	840	335	505	840	0	0	0	500	500	0
12	SER	919	1205	2124	539	935	1474	380	270	650	1500	1500	0
13	SR	1118	2615	3733	800	2068	2868	318	547	865	2500	2212	288
14	SWR	1071	1399	2470	1071	1399	2470	0	0	0	1500	1500	0
15	WCR	394	770	1164	394	770	1164	0	0	0	900	900	0
16	WR	1748	2319	4067	1748	2319	4067	0	0	0	2600	2600	0
	Total	14719	22652	37371	11777	19800	31577	2942	2852	5794	28500	27219	1281

Note: RB's already advised that the work regarding Fire Extinguishers in Non-AC coaches may further be executed under Revenue/Itemized RSP vide Letter No. 2021/M(C)/142/4(10) Dated 10.05.2022