

S.N-21

भारत सरकार GOVERNMENT OF INDIA  
रेल मंत्रालय MINISTRY OF RAILWAYS  
रेलवे बोर्ड RAILWAY BOARD

No. 2015/M (L)/466/1(4)

New Delhi, dt.08.6.2015

**Chief Mechanical Engineers,  
All Indian Railways (except NR).**

**Sub: Procurement policy of spares of HHP locomotives.**

Ref: Board's letter no. 2014/M (L)/466/1(4) dt. 23.12.2014

Board vide letter under reference advised a list of 138 imported HHP loco spares to be procured through Bulk Indent for Zonal Railways holding less than 100HHP locomotives.

NR has proposed a list of additional 137 imported HHP loco spares (copy enclosed) which are not included the Board's list and requested that all imported items of HHP locomotives for the Zonal Railways should be purchased by DLW in bulk and supplied to Zonal Railways as per their demands.

In view of the above Zonal Railways are advised to give their suggestions for procurement/ inclusion of these listed Items in the Bulk indent list. Railways should send their suggestions to Railway Board by e-mail at [directortraction@gmail.com](mailto:directortraction@gmail.com) by 25.6.2015.

भारत सरकार  
रेलवे बोर्ड

09/06/15.

(Alok Kumar Misra)  
Dir.Mech. Engg. (Tr.)  
Railway Board

## Northern Railway

Headquarters Office  
Baroda House  
New Delhi

No. 516-M/303/GM Loco/ML-III

dtd 30.01.15

EDME(Traction)  
Railway Board

Sub: Stocking and procurement of spares for HHP locomotives  
Ref: Your office letter No. 2014/M(L)/466/1(4) dtd 19.01 15

Point-wise remarks are as follows:-

a) Shed wise number of HHP items stocked

TKD	AMV	CB Dsl
668	786	13

b) Number of HHP items of which procurement has started and one procurement cycle has been completed

Procurement status of HHP Loco stock items year-wise is as under:-

Year	Stock items	PO placed	Indent on DLW
2011-12	701	126	402 (NS)
2012-13	701	201	192
2013-14	734	150	-
2014-15	827	141	83

c) Number of imported items for which order was placed in 2013-14 and 2014-15

2012-13	2013-14	2014-15
20 items received from EMD	PO of 8 items placed on EMD LC to open	PO for 14 items under vetting. TC for 56 items under finalization. DLW Indent for balance 186 items initiated

d) Action plan for streamlining of HHP spares

- Board has advised list of 138 imported spares to be procured through Bulk Indent for Zonal Railways holding less than 100 HHP locomotives.
- Northern Railways has additional 137 imported spares which are not appearing in recent list.
- Board is therefore requested to include these 137 imported spares to be procured through Bulk Indent. List of items is enclosed as Annexure-I.

Encl: Annexure-I

  
CMPE/Dst





SN	PLNo	DESCRIPTION	EMD Pt No	Sources	Authority
24	16171421	Seal cylinder head cover	9575318	EMD, Saban	DLW
25	16191857	GASKET RELIEF VALVE	40085273	EMD, Patra, Tirupati	DLW
26	16241010	Hose Assly air Supply	40022538	EMD, Eaton	DLW
27	16241381	Bowel by pass sight glass	8361381	EMD, SPX	DLW Parent
28	16242099	Kit Hose Manifold for Turbo Charger	40031867	EMD	DLW Parent
29	16980827	Gasket Header Discharge.	40059392	EMD, Free(I)Gask, MGM, Starflex, Talbros, MicoGask, Ravi	DLW
30	16980839	Gasket Header Tube	40058894	EMD, Free(I)Gask, MGM, Starflex, Talbros, MicoGask, Ravi	DLW
31	16980955	Circuit Braker 15A	40037994	EMD, Medha, Siemens	RDSO Parent
32	16981777	Spring Coil Bogie WDP4	40090911	EMD, Federnwerke, Frontier, GBSpring, AbokSpring	RDSO
33	17020244	THRUST PAD ASSY	40074617	EMD, LordCorpUSA, MechanicalProductUsa, BasantRub, Prag, GMT	DLW
34	17020293	SPRING ASM RUBBER SEC VERTICAL	40075328	EMD, LORD CORP, BASANT, PRAG	RDSO
35	17031916	90 days kit of lube oil strainer (consisting of two type of O-rings) 8085182-2, 8478924-1		EMD, ParkerUSA, Western, USA	DLW
36	17031928	TM Air duct boot assembly	40058521	EMD, Basant, Prag	DLW
37	17043323	Sight glass assly (water tank level)	9515894	EMD, Electromech, Jaypee	DLW
38	17050054	Dust Bin/TCC blower motor	2804094	DPG/USA, ElgiElect, Drespl, EMD	
39	17050625	Cap assembly pressure 3 prong 20 PSI	9323490	Mazdoor	SWR PO
40	17160534	LOCK BOLT 1X 10-5/8	40078349	Alcoa, EMD	DLW Parent
41	17240074	DOWEL ASSY CLUTCH	40001043	EMD, Trident, GEAuto	DLW
42	17250110	SPACER FAN	40054976	DPG/USA, DaulatRam, DPG/India	RDSO Parent
43	17270250	GASKET WATER DISCHARGE FITTING	9570676	EMD	SWR PO
44	17270881	GASKET BOTTOM HEADER TO TANK	9570895	EMD, StandardRad, Tool&Gauge, Vikrant, Mark&Steeve, Omex, FreeIndia	DLW Parent
45	17270893	GASKET HEAD TO CORE	9570894	EMD, StandardRad, Tool&Gauge, Vikrant, Mark&Steeve, Omex, FreeIndia	DLW Parent
46	17270923	GASKET TOP HEADER TO PIPE FLANGE	9572322	EMD, YoungTouchStone, StandardRadiator	DLW Parent



SN	PLNo	DESCRIPTION	EMD Pt No	Sources	Authority
47	17270960	GASKET LUBE OIL OUTLET	9570678	EMD,BasantRub,Manisha,Free(I)Gsk,ABElasto,MGM,Tirupati	DLW
48	17271058	Weather Strip 28-1/2/ Glassx4x2(in 21 kgs roll)	8167425	EMD	RDSO Parent
49	17271666	Weather Strip filler 100 ft.28-1/2/Glassx4x2 (in 21 kgs roll)	8166637	EMD	RDSO Parent
50	17272464	Gasket for 3/4 coupling	8479543	EMD	SWR PO
51	17272476	Gasket for 2-1/2 coupling	8479601	EMD	SWR PO
52	17272488	Gasket for 1 coupling	8479544	EMD	SWR PO
53	17280825	COUPLING FLEXIBLE 3"	8471160	EMD,VikrantEngg,Omex	DLW
54	17281155	Coupling flex 2-1/2 inch	9516671	EMD, Vikrant, ShriSaraswati	DLW
55	17281507	Coupling Flexible 1/2"	8476711	EMD,VikrantEngg,Suneet,Mark&Steve	DLW
56	17450391	Radiator cooling fan ASM	10632019 ALT -D	Daulatram,DPG/USA,DPG/India	
57	17452065	Sander control valve assly (magnet)	9574325	EMD,Rotex,Recon	DLW
58	17452879	Coupling Flexible 4"	8252895	EMD,VikrantEngg,Suneet,Mark&Steve,Omex	DLW
59	17453185	FUEL OIL PUMP	8422951	EMD,ParagonProducts	DLW Parent
60	17453458	CYLINDER WEAR HALF	40075177	EMD,Quadrant,Electroplast	RDSO
61	17455455	Kit Sander Control Valve	40029184	EMD,Rotex,Recon	DLW Parent
62	17455509	Kit Seal MVCC	40029183	EMD,Faiveley	SWR PO
63	17456022	Sight Glass for Water Exp.Tank (3/4" O.D x 19-1/2" long)	9538379	EMD,Electromech,Jaypee	DLW Parent
64	18000125	Diode Input Panel	40028426	EMD,Medha,Siemens	RDSO Parent
65	18001233	Chassis Assembly Module	40041846	EMD,Medha,Siemens	RDSO Parent
66	18022200	STATOR ASSEMBLY RADIATOR COOLING FAN	40067184	Daulatram,DPG/USA,DPG/India	
67	18022273	SHEET ASSY COVER	8428176	EMD	DLW
68	18100028	Turbo Lube Oil Pump Motor (AC)	22109359	Signotron,EMD	old DLW
69	18120209	COMPARTMENT EQUIPPED MICRO	40064109	EMD,Siemens,Medha	RDSO Parent
70	18120600	RUBBER PAD	40074620	EMD,LordCorpUSA,MechanicalProductUsa,BasantRub,Prag,GMT	DLW Parent

	PLNo	DESCRIPTION	EMD Pt No	Sources	Authority
71	18140014	Contactora STA	8482180	EMD, Siemens, CGL	RDSO Parent
72	18140026	Contactora ST	9325207	EMD, Siemens, CGL	RDSO Parent
73	18140040	Contactora AC - 2 Pole 150	40034362	EMD, Siemens, CGL	RDSO Parent
74	18140063	GF Contactora	8330937	EMD, Medha, Siemens	RDSO Parent
75	18140075	GFD Contactora	40010561	EMD, Medha, Siemens	RDSO Parent
76	18140154	Chutch Assembly ARC	9570152	EMD, Medha, Siemens	RDSO Parent
77	18140166	Carrier Assembly Movable Contact	8276115	EMD, Medha, Siemens	RDSO Parent
78	18140178	Post Assembly Contact	8435874	EMD, Medha, Siemens	RDSO Parent
79	18140180	Carrier Assembly Post Plate	8326499	EMD, Medha, Siemens	RDSO Parent
80	18140191	Aux. Contact for Braking Contactora	9539494	EMD, Medha, Siemens	RDSO Parent
81	18140208	Chute	9577680	EMD, Medha, Siemens	RDSO Parent
82	18180012	Relay (GP)	8357415	EMD, Medha, Siemens	RDSO Parent
83	18180024	Relay (GP)	8363168	EMD, Medha, Siemens	RDSO Parent
84	18180036	Relay (GP)	9516672	EMD, Medha, Siemens	RDSO Parent
85	18180048	Relay (GR)	40050359	EMD, Medha, Siemens	RDSO Parent
86	18180050	Relay kit #1 (for EMD Loco) 6 items 8373523-1, 8373524-1, 8373528-1, 8387477-1, 8415919-1, 8431417-1		EMD, Siemens	RDSO Parent
87	18250038	DYNAMIC BRAKING GRID RESISTANCE 545 AMPS, 1.222 OHMS(NFT)	10634215	EMD, Daulat, Mosebach	RDSO
88	18250040	RESISTOR GRID - DYNAMIC BRAKE - RE3, RE7 - 1.235 OHMS - 545 AMPS	10634216	EMD, Daulat, Mosebach	RDSO
89	18300327	Resistor RE2 - 4.8Ohms - 400Watts	40066539	EMD, Medha, Siemens	RDSO Parent
90	18300340	RESISTOR ASSEMBLY REGR 1, 2, 3, 4 - 10-10 OHMS	8394789	EMD, Siemens, Medha	RDSO Parent
91	18300376	REVDCL	40023287	EMD, Medha, Siemens	RDSO Parent
92	18300388	RESISTOR REGRT - 190 - 50W	9519539	EMD, Siemens, Medha	RDSO Parent



SN	PLNo	DESCRIPTION	EMD Pt No	Sources	Authority
93	18300390	REGNR - REGNL - 100/50W	40023288	EMD,Siemens,Medha	RDSO Parent
94	18300406	REPRG	8318101	EMD, Siemens	RDSO Parent
95	18310072	Fuse 800 Amp	8414678	EMD, FERRAZ/USA BUSSMAN/USA	DLW
96	18310096	Circuit Braker 15A	40050140	EMD,Medha,Siemens	RDSO Parent
97	18310140	Fuse 300 amps for radiator fan	10635464	EMD, Siemens, Medha,Bussman,Ferraz	RDSO Parent
98	18310217	CIRCUIT BREAKER.. Gen fld - 90 amp	8458724	EMD,Medha,Siemens	RDSO Parent
99	18310229	CIRCUIT BREAKER.. Fuel pump - Turbo - Lights - 30 amp	8458724	EMD,Medha,Siemens	RDSO Parent
100	18310230	Circuit Braker 35A	8458726	EMD,Medha,Siemens	RDSO Parent
101	18310242	CIRCUIT BREAKER.. Local control - 30 amp	40037997	EMD,Medha,Siemens	RDSO Parent
102	18310254	CIRCUIT BREAKER.. Control - 40 amp	40037995	EMD,Medha,Siemens	RDSO Parent
103	18310266	CIRCUIT BREAKER.. TCC1 - TCC2 computer - 10 amp	40054194	EMD,Medha,Siemens	RDSO Parent
104	18310278	Circuit Braker 15A	40054796	EMD, Siemens	RDSO Parent
105	18310280	CIRCUIT BREAKER.. AC GTO1 - AC GTO2 power supply -15 amp	8458727	EMD, Siemens	RDSO Parent
106	18310291	CIRCUIT BREAKER.. DCL control - 3 amp	40037996	EMD, Siemens	RDSO Parent
107	18310308	Circuit Braker 10A	9322826	EMD, Siemens	RDSO Parent
108	18310310	Breaker 3A	8458735	EMD, Siemens	RDSO Parent
109	18310321	CIRCUIT BREAKER.. TCC electric blower motor / filter blower motor - 30 amp	40051839	EMD, Siemens	RDSO Parent
110	18310333	CIRCUIT BREAKER.. 15 amp - Cab fan Air dryer - Micro air brake - Radio	8458739	EMD, Siemens	RDSO Parent
111	18310345	Switch Toggle GRCO 3 PST	8362643	EMD, Siemens	RDSO Parent
112	18310606	FUSE & INDICATOR ASSY	8407729	EMD	RDSO Parent
113	18310618	Circuit Breaker 10Amps	40087301	EMD, Siemens	RDSO Parent
114	18310679	Circuit Breaker 30 Amps	40083994	EMD, Siemens	RDSO Parent
115	18350549	Rec 3G 2A	40019311	EMD, Siemens	RDSO Parent

SN	PLNo	DESCRIPTION	EMD Pt No	Sources	Authority
116	18350770	Terminal BD - 8PT, TB 32A, B,C, 8PT	40072753	EMD	DLW
117	18350781	Terminal Board - 8 PT	8354091	EMD	DLW
118	18390158	Filter capacitor 2 micro farad	9332016	EMD	SWR PO
119	18390183	Rectifier Assembly	9556573	EMD, Siemens	RDSO Parent
120	18390584	Rectifier Assembly. Mounting Rotating (Proposed AAC -12 Nos, App-06 Nos)	2803017	EMD,DaulatRam,DPG/USA	RDSO Parent
121	18400036	Transformer T2	8234831	EMD, Siemens	RDSO Parent
122	18420084	Brush holder Assembly.CA6B	8413188	EMD	DLW
123	18450015	CONTACT ASSEMBLY POST - STATIONARY	9536540	EMD,Siemens,Medha	RDSO Parent
124	18490013	BEARING BALL AUX ALTERNATOR	9440288	EMD, DaulatRam,DPG/USA,DPG /India	RDSO Parent
125	18520066	JUMPER&HANGER ASM-MU	10635122	EMD,Clements	DLW
126	18980090	SWITCH LIMIT	9577690	EMD,Siemens,Medha	RDSO Parent
127	18980144	SEAL DOOR - 100 FEET - 1-1/4 INCH WIDE X 3/8 INCH THICK	40003225	EMD,Siemens,Medha	RDSO Parent
128	18980156	COIL MAGNET - 1128 OHMS	8415916	EMD,Siemens,Medha	RDSO Parent
129	18980170	HOUSING ASSEMBLY TWO CONTACT - STATIONARY	8373523	EMD,Siemens,Medha	RDSO Parent
130	18980181	HOUSING ASSEMBLY THREE CONTACT - STATIONARY	8373939	EMD,Siemens,Medha	RDSO Parent
131	18980193	PLATE ASSEMBLY MOVABLE CONTACT	8251207	EMD,Siemens,Medha	RDSO Parent
132	18980200	CONTACT ASSEMBLY FIXED	8424740	EMD,Siemens,Medha	RDSO Parent
133	19014077	Bolt Hex Head 1/2-20x1-1/4"	181429	EMD	DLW
134	19350156	Nut (Adjusting screw) 5/8 x 18	8028723	EMD,GreerStop	DLW
135	20151044	Male Jackscrew	40028053	EMD,Medha,Siemens	RDSO Parent
136	20151056	Female Jackscrew	40028054	EMD,Medha,Siemens	RDSO Parent
137	20394500	WASHER SPECIAL - 2-1/2 O.D. X 1-1/16 I.D. X 3/8 INCH THICK	8427242	Alcoa,EMD	DLW