

List of Specification of Items of MP Directorate referred in List of Approved Vendors – QM-M-7.1-1 & List of RDSO Vendors for Developmental Orders QM-M-7.1-3 as on 01.07.2017

S. No.	Items	Specification No. with revision no.
1.	Connecting Rod Bearings for Alco Locomotive	31PD 5703A
2.	Main Bearing Shell (Inter & Centre) for Alco Locomotive,	31PD 5703A
3.	Main Bearing, Thrust for ALCo locomotives.	31PD 5703
4.	Low Mean Pore Size Primary & Secondary Fuel Oil Filter Elements for Diesel Electric Locomotives	MP.0.2600-25 Rev. 00, Dec. 2008
5.	10" x 30" Long Life Lube Oil and Fuel Oil Filter Elements (Two Piece) for EMD Locomotives	MP.0.2600-26, Rev.00, Sep.-2009,
6.	Long Life Lubricating Oil Filter Element for Locomotive Diesel Engines	MP.0.2600-15, Rev. 04, Jan. 2007
7.	Filter elements, Pre-cleaner for ALCo & EMD locomotives	MP.0.2600-16 Rev. 05 Aug. 2003 & Air Flow & Efficiency of EDPS- 436
8.	Filter Elements, Secondary Engine Air Filters, for ALCo & EMD locomotives	MP.0.2600-16, Rev.05, Aug.-2003, EDPS-535
9.	Soak Back Lube Oil Filter for EMD Locomotives	MP.0.2600-20, Rev.01, Aug.-2004,
10.	Spin-on Fuel Filter for EMD Locomotives	MP.0.2600-19, Rev.01, Aug.-2004,
11.	Spin-on Turbocharger Lube Oil Filter for EMD Locomotives	MP.0.2600-21, Rev.01, Aug.-2004,
12.	Filter Paper Media for 10" x 30" Long Life Lube Oil and Fuel Oil Filter Elements (Two Piece) for EMD Locomotives	MP.0.2600-26, Rev.00, Sep.-2009,
13.	Filter Paper Media for Long Life Lubricating Oil Filter Element for Locomotive Diesel Engines	MP.0.2600-15, Rev.04, Jan.07
14.	Filter Paper Media for Low Mean Pore Size Primary & Secondary Fuel Oil Filter Elements for Diesel Electric Locomotives	MP.0.2600-25, Rev.00, Dec. 2008
15.	Filter elements, Pre-cleaner for WDG5 locomotives	EDPS-436
16.	Three Phase AC-AC Transmission	MP.0.24.00.45 (Rev.-02),

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	System & Associated Control Equipment for 1600 HP Diesel Electric Multiple Unit	November-2012
17.	Rectifier Bank Assembly for HHP Locomotives	ETI-377, EDPS-314
18.	Traction Alternator for EMD (WDG5) Locomotives	DLW PS no. WDG5 / EM/001 Rev. Nil dt 20-11-10
19.	Bearing suspension, Drive End of Traction Motor for EMD locomotives	MP.0.2402.17 (Rev.-01), May 2012 with corrigendum dt. 14.09.2012
20.	Bearing suspension, Non-Drive End of Traction Motor for EMD locomotives	MP.0.2402.17 (Rev.-01), May 2012 with corrigendum dt. 14.09.2012
21.	3-phase induction motors for 4500 hp, AC- AC WDG4 & WDP4B diesel electric locomotives	MP.0.2400.52 (Rev.-02) July 13
22.	3- Phase squirrel cage induction motor for 5500 HP AC-AC WDG5 locomotive	MP.0.2400.72 (Rev.-00), September-2010; STR No. MP.STR.EM.01.01.10, dated: 24.09.10 (Rev-00).
23.	Axle Gear Steel (Carburizing Type)	EMS 157; STR No. MP.STR.EM.04.11.11 (Rev.-00), Feb. 2012.
24.	Pinion Gear Steel (43 B 17)	EMS 81; STR No. MP.STR.EM.04.11.11 (Rev.-00), Feb. 2012.
25.	Tube Suspension: Housing bearing kit (consisting 11 items) for EMD locomotives	STR No. MP.STR.EM.01.01.12, (Rev.00), July 2012
26.	Tube Suspension: Housing bearing kit (consisting 4 items) for EMD locomotives	STR No. MP.STR.EM.01.01.12, (Rev.00), July 2012
27.	E-Locker/Dustbin Motor Blower Assly for EMD (WDG5) Locomotives	DLW PS no. WDG5/EM/004 Rev. Nil dtd. 20-11-10
28.	Alternator Traction with Auxiliary Machines and their sub-assemblies for Broad Gauge Diesel Electric ALCO Locomotives	MP.0.2402.19 (Rev.- 01), July 2016
29.	Bearings, roller type of Traction motor for ALCo locomotives, NH320 rivetless - Commutator end; NU330 rivetless - Pinion end & Alternator / Generator bearings)	MP.0.2402.03 (Rev.-03), April 2011
30.	Bearings, Suspension, Traction Motor for ALCo locomotives (Roller type)	MP.0.2402.17 (Rev.-01), May 2012 with corrigendum dt.

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		14.09.2012
31.	Bearings for Traction motor, ALCo locomotives - (NU328 & NH 318 rivetless)	MP.0.2402.03 (Rev.-03), April 2011
32.	Traction motor Bellows- (Leather), for ALCo locomotives	MP.0.2400.25 (Rev.-00), July 03, MP.0.2400.29 (Rev.-00), June 04
33.	Traction Motor Bellows (Moulded Rubber Type without Fabric) Used On Broad Gauge Diesel-Electric Locomotives	MP.0.2400.22 (Rev.-01), Feb. 06,
34.	Flame Retardant 200' C Fluoroelastomer Insulated Main Lead & Brush Gear Cables used in Traction Motors of Diesel Electric Locomotives,	MP.0.52.00.08 (Rev.-04), Jun 12
35.	Carbon blocks	MP.0.2400.60 (Rev.-04), June-2014
36.	Kapton Covered Copper Conductor For Traction Machines,	MP-0-2400.24 (Rev.-02), Feb 08
37.	Motor Complete, DC Traction for ALCo locomotives with following sub-assemblies: (MP.0.2402.13 (Rev.-03), March 13 for Standard Motor, MP.0.2402.12 (Rev.-01), Jan. 02 for Light Weight Motor)	MP.0.2402.13 (Rev.-03), March 13, MP.0.2402.12 (Rev.-01), Jan 02
38.	Alternator Mounted Rectifier Assembly for AC/DC Diesel Electric Locomotives	MP.0.24.02.20 (Rev.-00), April 09
39.	Resins & Varnishes for Traction Machines Used on diesel Electric Locomotives	MPMI 153/92, Rev.-04 of September 2014
40.	Cleaning Solvent For Electrical Rotating Machines Of Diesel Electric Locomotives	MP.0.8000.01 (Rev 02) Oct'07
41.	Class 200 Resin-Preimpregnated Semi-Cured Unidirectional Polyglass Banding Tapes Used On Traction Machines (TG/TM/AG) of Diesel Electric Locomotives and DEMUs	MP.0.24.00.23 (Rev.-01), Sept' 06
42.	Traction Gears, (Case hardened) for ALCo locomotives,	MP.0.2800.17 (Rev.-00), Jan 04; STR No. MP.STR.EM.04.11.11 (Rev.-00), Feb. 2012.
43.	Traction Pinions, (Case hardened) for ALCo locomotives	MP.0.2800.17 (Rev.-00), Jan 04; STR No. MP.STR.EM.04.11.11 (Rev.-

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		00), Feb. 2012.
44.	Tubes & accessories, Suspension bearing (10 components) For TM 4907 & TM 5002 of ALCo locomotives	STR No. MP.STR.EM.01.01.12, (Rev.00), July” 2012
45.	Locomotive Insulated Wire – Sizes AWG # 3 And Smaller	EDPS -179.
46.	Locomotive Power Cable – Sizes AWG # 1 And Larger	EDPS-304
47.	Nickel Cadmium Starter batteries for Diesel Locomotives (6V, 150AH Ni Cd Storage Unit)	MP.0.51.01.02 (Rev-02) June 2009 (Amendment –I)
48.	Low Maintenance lead acid Batteries for Diesel Electric loco engine starting application (8 V, 500 Ah lead acid)	DEL/SPN/193 Rev. 03, July 98
49.	Low Maintenance lead acid Batteries with PPCP Cell assembly housed in FRP outer container for Diesel Electric locomotives (8V, 450 Ah lead acid)	MP.0.24.00.65 (Rev. 00) Dec. 2009
50.	Microprocessor based Control system with Automatic Flasher Light Control, Multi-Setting Vigilance Control & Event Recorder for Diesel Electric locomotives (ALCO)	MP.0.2400.26, Rev. 06, March” 10
51.	AC-AC Traction Control System for 4500HP HHP Diesel-Electric Locomotives	MP.0.2400.43 (Rev.-06), July” 2015
52.	Microcontroller based Event Recorder used on EMD Locomotive	MP.0.3700.12 (Rev. 00), Jan. 09
53.	Governor MCBG – Micro controller based governor for ALCo/DLW/DMW	MP.0.1700.01 (Rev. 03) Jan.10, MP.0.1700.04 (Rev. 00) Oct. 08
54.	Fuel Level Sensor for Diesel Electric Locomotives	MP.0.2400.63, Rev. no. 1 March” 2013
55.	Micro controller based Electronic Speed indicating and Recording system for Railway application	MP.0.3700-07, Rev. 07, Aug., 2017
56.	Distributed Power Control System for HHP Locomotives	MP.0.0400.02 Rev. 4, Dec. 2015
57.	Distributed Power Control System for Alco Locomotives	MP.0.0400.02 Rev. 4, Dec. 2015
58.	Auxiliary Power Unit for HHP Locomotives -	MP.0.2400.64, Rev- 2, August” 2015
59.	Automatic Control of Engine Stop with Auxiliary Power Unit-ACES with APU for Alco locomotives	MP.0.2400.62, Rev. 0.00, Sept.” 2009

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60.	Remote Monitoring and Management of Locomotive and Trains	MP.0.0402.04, Rev. 06, August 2017
61.	Loco Cab Video and Voice Recording System	MP.0.0400.14, Rev-0
62.	Air Dryer, ALCo, HHP and Electric locomotives and EMUs/ MEMUs/DEMUS	MP.0.01.00.06 Rev. 05, March"11, STR no. MP.STR.BK.01.06.11 Rev. 00, July"11
63.	Gauge Complex with Air Flow Indicator, HHP Locomotives	MP.0.01.00.32 May 2016 Rev-00,
64.	"L" Type Composition Brake Block, ALCO & Electric Locomotives -	MP.0.01.00.04 (Rev-09), April-2016,
65.	High Friction Composition Brake Block, HHP locomotives	MP.0.0100-10 (Rev-04), April 2016
66.	Brake equipments, ALCo & Electric Locomotives	MP.0.01.00.13 Rev. 00, January 2004, MP.0.01.00.14 Rev. 00, February 2004, MP.0.01.00.15 Rev. 00, March 2004
67.	Microprocessor controlled Air Brake System / Modular Microprocessor controlled Air Brake System with advanced features / Indigenous Microprocessor controlled Air Brake System with versatile software	MP.0.01.00.20, Rev 03 August 2016, MP.0.01.00.24 Rev 02 August 2016 & MP.0.01.00.23 Rev 0, November-2009
68.	Compact (Tri-plate) type IRAB-1 pure air brake and 28 LAV-1 dual brake panel for diesel Locomotives	MP.0.01.00.19 Rev. 01, June 10
69.	Air Compressor (Enhanced reliability and M-24 schedule), ALCO Locomotives	MP.0.0700.13, Rev. 0.01 June 09
70.	Water cooled Air Compressor for HHP Diesel Locomotives	MP-0.07.00.14 Rev. 00, June 07
71.	Diaphragms, VA1B valve, ALCo locomotives	IRS-R48-88 & WABCO spec for WABCO Licensees
72.	Rubber components, Air brake, ALCo locomotives	IRS-R48-88 & WABCO spec for WABCO Licensees
73.	Spares for compressor / expressor, ALCO Locomotives	MP.0.0700.03 (Revised July' 97)
74.	Air flow measuring Valve and Air flow Indicator, ALCo & Electric locomotives & Electric Loco	MP-1412/88, RDSO Insp. Plan No. MP: TP-14
75.	Air flow Indicator for microprocessor	MP.0.01.00.33, Rev-00, May

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	controlled brake on ALCo locomotives	2016
76.	Auto drain Valve, ALCo, EMD & Electric locomotives	MP.01.00.26 Rev. 00, March 2010
77.	Brake Interface Unit (BIU) for Train Collision Avoiding System and Distributed Power Control system for diesel locomotives fitted with IRAB class of brake system	MP.0.01.00.31 (Rev.00), December-2014
78.	Journal Bearing ASM for WDG5 locomotives	VTS No. 00273
79.	Fabricated Bogie Frame & Bolster assembly for locomotives	VL.Spec-6 (Rev.-03), October 2015 STR No. MP.STR.VL-02.02.11 (Rev.01) October 2015
80.	Nose Link Bushing for WDG5 locomotives	VTS No. 00165
81.	Car Body Link Bushing for WDG5 locomotives	VTS No. 00357
82.	Traction Rod Bushing for WDG5 locomotives	VTS No. 00352
83.	Hydraulic Dampers of WDG3A, WDM3D and WDM3A (with A.T.H.S bogies) locomotives:	MP.0.49.00.16 Rev. 01, June 10, RDSO MP.0.40.99.03 Rev. 03, April 12
84.	Primary Vertical Damper for HHP locomotives	MP.0.40.99.03 Rev. 03, April 12
85.	Primary Vertical Damper for WDG5 locomotives	VTS No. 00360
86.	Secondary Yaw Damper for HHP locomotives	MP.0.40.99.03 Rev. 03, April 12
87.	Secondary Lateral damper for WDG5 locomotives	VTS No. 00361,
88.	Equaliser beams, Compensating beams and Links of locomotive high adhesion bogies (i.e HA), & Equaliser beams (long & short) of Trimount locomotive Bogies (i.e Tri),	MP.0.4900.11 Rev 01, Jan 10; STR No. MP.STR.VL-01.01.06 (Rev 00), April 2006.
89.	Journal Axle Box Assembly with CRU Bearing and Conical Thrust Pad	MP-0.3600-01, Nov.-1981, STR No. MP.STR.BD.01.02.03, Rev. 0, Sept.03, IRS R-63-76
90.	Journal Axle Box Assembly with normal* and Step Size** Roller Bearing and Conical Thrust Pad	MP-0.3600-01, Nov.-1981, STR No. MP.STR.BD.01.02.03, Rev. 0, Sept.03, IRS R-63-76
91.	Centre Pivot Liners for Locomotives	MP.0.40.99.02 (Rev. 01)

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		Oct'12, STR no. MP.STR.VL.04.09.11 (Rev.-00) Oct' 12.
92.	Coil Spring for WDG5 locomotives	VTS No. 00274, EMS-71 and EDPS-108
93.	Secondary Spring for WDG5 locomotives	VTS No. 00355
94.	Thermoplastic polyurethane spring pads (Happy pads) for locomotives	MP.0.40.99.01 Rev. 02, Oct. 08
95.	Half Cylinder Wear for HHP locomotives	MP.0.40.99.02 (Rev.01) Oct' 2012, STR no. MP.STR.VL.04.09.11(Rev.-00) Oct' 2012
96.	Kit for TBU for WDG5 locomotives	VTS No. 00363
97.	Thrust Pad for WDG5 locomotives	VTS No. 00317
98.	Lateral Thrust Pad for WDG5 locomotives	Material Specification- MS 4361
99.	Secondary lateral stop for WDG5 locomotives	VTS No. 00291
100.	Buffer Assembly, Side, High capacity, Long Life	MP.0.41.00.03 (Rev-01) August-2005
101.	Coupler Assembly, H type Tight lock for ALCo / Electric / HHP Passenger Locomotives	MP-0.41.00.05(Rev.00)
102.	Draft Gear Soft with Yoke Assembly	MP-0.41.00.06(Rev 00)
103.	Spring Pads Assembly, Side Buffer, Long life	MP.0.41.00.07, (Rev. 00)
104.	Spring Rubber, Buffer	MP.0.41.00.04 Rev.03, Oct' 11