



# ZAMBIA RAILWAYS LTD

## ADDENDUM NO.2

### INVITATION FOR BIDS

### TENDER NO. ZRL/TEN/MPS/0007/2017 TENDER FOR THE SUPPLY AND DELIVERY OF VARIOUS GM & GE LOCOMOTIVES SPARE PARTS THROUGH FRAMEWORK AGREEMENTS (Call off Orders)

This is to inform all prospective bidders for the abovementioned tender that **Addendum No. 2** has been issued. Prospective bidders are hereby advised that the closing date for the tender has been extended from **Friday 1<sup>st</sup> September, 2017 at 10:00hrs to Friday 13<sup>th</sup> October, 2017 at 10:00hrs**. The deadline for the submission of clarifications has also been extended to **15<sup>th</sup> September 2017**.

Furthermore, prospective bidders are hereby informed that Zambia Railways Limited (ZRL) has increased the number of Lots from **two (2)** to **sixteen (16)**. ZRL has also removed **nine (9)** items from the Tender. Bidders are advised that the details of the changes can be accessed by downloading **Addendum 2 for TENDER NO. ZRL/TEN/MPS/0007/2017 FOR THE SUPPLY AND DELIVERY OF VARIOUS GM & GE LOCOMOTIVES** from the ZRL website <http://zrl.com.zm/tenders/>

Eligible bidders are also advised that the responses to all the queries that have been raised can be downloaded from Zambia Railways Limited (ZRL) website (<http://zrl.com.zm/tenders/>) or the documents can be collected from the ZRL Procurement and Supplies Department, Top Office, Corner of Ghana and Buntungwa Avenue, Kabwe, Zambia.

**Manager Procurement and Supplies  
For/Chief Executive Officer  
Zambia Railways Limited**

**TABLE 1: LIST OF VALID ITEMS FOR LOCOMOTIVE**

LOTS	SUB ASS	S/No.	DESCRIPTION	CATEGORY	PART No.	SUB ASSEMBLY	UOM	QTY	DELIVERY PERIOD
LOT 1	GM - AIR BRAKE SPARES	1	BLADE WIPER 20"	GM	8407810	A/BRAKE	Each	28	5 - 8 Weeks
		2	GAUGE AIR PRESSURE 0 - 200 PSI	GM	8231593	A/BRAKE	Each	7	5 - 8 Weeks
		3	KIT REPAIRS	GM	40029184	A/BRAKE	Each	1	5 - 8 Weeks
		4	KIT REPAIRS	GM	40029183	A/BRAKE	Each	5	5 - 8 Weeks
		5	KIT REPAIRS	GM	8351410	A/BRAKE	Each	4	5 - 8 Weeks
		6	KIT REPAIRS	GM	9314249	A/BRAKE	Each	7	5 - 8 Weeks
		7	KIT REPAIRS	GM	40029184	A/BRAKE	Each	1	5 - 8 Weeks
		8	SA26 BUSHING AND DISCHARGE	GM	559549	A/BRAKE	Each	7	5 - 8 Weeks
		9	VALVE.ASSY. AUTOMATIC DRAIN	GM	8451213	A/BRAKE	Each	14	5 - 8 Weeks
		10	26C AUTOMATIC BRAKE VALVE KIT	GM	559547	A/BRAKE	Each	7	5 - 8 Weeks
		11	N1 REGULATING VALVE	GM	10834	A/BRAKE	Each	14	5 - 8 Weeks
LOT 2	GM – BOGIE SPARES	1	BRACKET ASS SHOCK	GM	8453189	BOGIE	Each	12	5 - 8 Weeks
		2	CLAMP DUST SEALBOOT	GM	8362027	BOGIE	Each	16	5 - 8 Weeks
		3	FELT STRIP	GM	8250267	BOGIE	Each	484	5 - 8 Weeks
		4	GEARCASE LOWER	GM	9557135	BOGIE	Each	42	5 - 8 Weeks
		5	GEARCASE UPPER	GM	9557134	BOGIE	Each	33	5 - 8 Weeks
		6	RING HALF CENTER	GM	9329630	BOGIE	Each	28	5 - 8 Weeks
		7	SAND STRAP	GM	8269587	BOGIE	Each	30	5 - 8 Weeks
		8	SEAL AXLE DUST GUARD	GM	8407507	BOGIE	Each	42	5 - 8 Weeks
		9	SEAL INNER RING	GM	9560006	BOGIE	Each	42	5 - 8 Weeks
		10	SEAL OUTER RING – PLASTIC	GM	9560005	BOGIE	Each	42	5 - 8 Weeks
		11	SHOCK ABSORBER	GM	4993721	BOGIE	Each	15	5 - 8 Weeks
		12	SPRING ASS. DOUBLE COIL SPRING	GM	8452790	BOGIE	Each	48	5 - 8 Weeks
		13	SUPPORT BEARING	GM	9557784	BOGIE	Each	60	5 - 8 Weeks

									Weeks
		14	WHEEL 40" DIA ( REBUILD )	GM	10596190	BOGIE	Each	72	5 - 8 Weeks
		15	PEDESTAL LINERS	GM	8455142	BOGIE	Each	168	5 - 8 Weeks
		16	PIN COUPLER SHANK	GM	8113993	BOGIE	Each	10	5 - 8 Weeks
		17	BRAKE CYLINDER DIAGHRAM	GM	PCA94800	BOGIE	Each	56	5 - 8 Weeks
<b>LOT 3</b>	<b>GM - COMPRESSOR EXHAUSTER SPARES</b>	1	CONNECTING ROD BEARING	GM	9571980	C / EXH	Each	42	5 - 8 Weeks
		2	CRANKCASE TO LINER GASKET	GM	40039389	C / EXH	Each	17	5 - 8 Weeks
		3	E 1 SAFETY VALVE	GM	8310075	C / EXH	Each	7	5 - 8 Weeks
		4	ELEMENT FILTER	GM	5228013	C / EXH	Each	18	5 - 8 Weeks
		5	EXHAUST VALVES ( VACUUM )	GM	40027926	C / EXH	Each	30	5 - 8 Weeks
		6	H P CYLINDER HEAD	GM	9091775	C / EXH	Each	5	5 - 8 Weeks
		7	HEAD TO LINER GASKET	GM	9572087	C / EXH	Each	7	5 - 8 Weeks
		8	HP CYLINDERS	GM	8315609	C / EXH	Each	5	5 - 8 Weeks
		9	INLET VALVES ( VACUUM )	GM	40027925	C / EXH	Each	30	5 - 8 Weeks
		10	OIL PUMP	GM	9311027	C / EXH	Each	4	5 - 8 Weeks
		11	OIL SEAL	GM	8083554	C / EXH	Each	7	5 - 8 Weeks
		12	PISTON ASSEMBLY VACUUM	GM	8430941	C / EXH	Each	18	5 - 8 Weeks
		13	VACUUM CYLINDER COM. RINGS	GM	8297166	C / EXH	Each	7	5 - 8 Weeks
		14	VACUUM CYLINDERS	GM	8497574	C / EXH	Each	10	5 - 8 Weeks
		15	FILTER ASSEMBLY	GM	8457272	C/ EXH	Each	5	5 - 8 Weeks
		16	COPPER GASKET	GM	8083592	C/EXH	Each	50	5 - 8 Weeks
		17	OIL SCRAPPER RINGS VACCUM	GM	40039390	C/EXH	Each	56	5 - 8 Weeks
		18	INLET VALVE HP	GM	40000277	C/EXH	Each	5	5 - 8 Weeks
<b>LOT 4</b>	<b>GM - ELECTRICAL SPARES</b>	1	BULB 2.5W - 48V	GM	8421182	ELECTRICAL	Each	7	5 - 8 Weeks
		2	COMP.CONTR. SWITCH	GM	40036351	ELECTRICAL	Each	7	5 - 8 Weeks
		3	FEMALE GOVERNOR PLUG	GM	8453146	ELECTRICAL	Each	7	5 - 8 Weeks
		4	FUSE 200 AMP	GM	8439959	ELECTRICAL	Each	28	5 - 8 Weeks

5	HEAD LIGHT	GM	8156001	ELECTRICAL	Each	28	5 - 8 Weeks
6	PINION 16 TEETH	GM	40026427	ELECTRICAL	Each	10	5 - 8 Weeks
7	RADAR	GM	40034353	ELECTRICAL	Each	4	5 - 8 Weeks
8	RESISTOR HEADLIGHT ( RE10 )	GM	6958079	ELECTRICAL	Each	10	5 - 8 Weeks
9	RESISTOR ( RE33)	GM	9322503	ELECTRICAL	Each	7	5 - 8 Weeks
10	RPM MAGNETIC PICK UP	GM	EC3040AC	ELECTRICAL	Each	7	5 - 8 Weeks
11	ST CONTACTOR	GM	9325207	ELECTRICAL	Each	2	5 - 8 Weeks
12	SWITCH CCS	GM	40036351	ELECTRICAL	Each	7	5 - 8 Weeks
13	TEMPERATURE PROBE	GM	40021658	ELECTRICAL	Each	14	5 - 8 Weeks
14	VIGILANCE CONTROL PANEL	GM	10585655	ELECTRICAL	Each	6	5 - 8 Weeks
15	VR MODULE	GM	9528276	ELECTRICAL	Each	6	5 - 8 Weeks
16	CABLE ASSEMBLY	GM	8355704	ELECTRICAL	Each	30	5 - 8 Weeks
17	CABLE ASSEMBLY	GM	9566769	ELECTRICAL	Each	30	5 - 8 Weeks
18	CABLE ASSEMBLY	GM	9566770	ELECTRICAL	Each	30	5 - 8 Weeks
19	CABLE ASSEMBLY	GM	9566777	ELECTRICAL	Each	30	5 - 8 Weeks
20	CABLE ASSEMBLY	GM	40028115	ELECTRICAL	Each	30	5 - 8 Weeks
21	CABLE ASSEMBLY	GM	40017962	ELECTRICAL	Each	30	5 - 8 Weeks
22	GROMMET CABLE LEAD	GM	40017960	ELECTRICAL	Each	96	5 - 8 Weeks
23	GLASS TAPE	GM	41A239176P14	ELECTRICAL	Each	20	5 - 8 Weeks
24	MYLAR TAPE	GM	41A239176P99	ELECTRICAL	Metre	42	5 - 8 Weeks
25	STOVING VANISH	GM		ELECTRICAL	Litre	40	5 - 8 Weeks
26	GYPTO PAINT	GM		ELECTRICAL	Litre	40	5 - 8 Weeks
27	MICA TAPE	GM		ELECTRICAL	Metre	24	5 - 8 Weeks
28	TERMINAL LUG	GM	8868241AAP14	ELECTRICAL	Each	50	5 - 8 Weeks
29	GROMMET CABLE LEAD	GM	481A539P10	ELECTRICAL	Each	48	5 - 8 Weeks
30	FLEXIBLE CONNECTOR	GM	41A235688G1	ELECTRICAL	Each	48	5 - 8 Weeks
31	MAGNETIC	GM	8461941	ELECTRICAL	Each	7	5 - 8 Weeks

			COMPRESSOR CONTROL						Weeks
		32	COMPUTER ARCHIEVE	GM	10600863	ELECTRICAL	Each	7	5 - 8 Weeks
		33	COMPUTER DISPLAY	GM	9567773	ELECTRICAL	Each	6	5 - 8 Weeks
		34	SLEEVES	GM	8350968	ELECTRICAL	Each	168	5 - 8 Weeks
		35	LAMP DOUBLE CONTACT 30-75Volts	GM	8190621	ELECTRICAL	Each	42	5 - 8 Weeks
		36	LUGS	GM	40015767	ELECTRICAL	Each	126	5 - 8 Weeks
		37	ALKALINE BATTERIES	GM	10592515	ELECTRICAL	Each	28	5 - 8 Weeks
		38	POWER SUPPLY HYBRID	GM	9567774	ELECTRICAL	Each	1	5 - 8 Weeks
LOT 5	GM – ENGINE SPARES	1	ACCESSORY DRIVE COUPLING	GM	8323180	ENG.	Each	5	5 - 8 Weeks
		2	ACCY END DRV HOUSG GASKET KIT	GM	9580710	ENG.	Each	5	5 - 8 Weeks
		3	BALL BEARING	GM	954285	ENG.	Each	35	5 - 8 Weeks
		4	BRIDGE ASSEMBLY EXH. VALVE	GM	8085260	ENG.	Each	224	5 - 8 Weeks
		5	CAP ASSEMBLY PRESSURE 7PSI	GM	9323490	ENG.	Each	5	5 - 8 Weeks
		6	CRANKSHAFT MAIN BEARING KIT UPPER	GM	8455862	ENG.	Each	2	5 - 8 Weeks
		7	CYLINDER INSTALLATION KIT	GM	9327287	ENG.	Each	82	5 - 8 Weeks
		8	GAUGE - LUBE OIL PRESSURE	GM	8231594	ENG.	Each	5	5 - 8 Weeks
		9	GAUGE ASSEMBLY	GM	8365600	ENG.	Each	5	5 - 8 Weeks
		10	GAUGE ASSEMBLY	GM	9323489	ENG.	Each	5	5 - 8 Weeks
		11	GAUGE ASSEMBLY	GM	8383728	ENG.	Each	5	5 - 8 Weeks
		12	GAUGE ASSEMBLY	GM	9334979	ENG.	Each	5	5 - 8 Weeks
		13	KNUCKLE	GM	6968660	ENG.	Each	6	5 - 8 Weeks
		14	OVERSPEED TRIP HOUSING GASKET KIT	GM	9580770	ENG.	Each	7	5 - 8 Weeks
		15	TURBO - CHARGER CHANGE OUT KIT	GM	8380244	ENG.	Each	7	5 - 8 Weeks
		16	HAND HOLE COVER SEALS	GM	8291349	ENG.	Each	186	5 - 8 Weeks
		17	ELEMENT LUBE OIL FILTERS	GM	8345482	ENG.	Each	140	5 - 8 Weeks
		18	FILTER ENGINE AIR PAPER	GM	9093588	ENG.	Each	84	5 - 8 Weeks
		19	DRESSER SEAL 1"	GM	8479544	ENG.	Each	28	5 - 8 Weeks

								Weeks	
		20	DRESSER SEAL 1 1/2"	GM	8479599	ENG.	Each	28	5 - 8 Weeks
		21	DRESSER SEAL 2"	GM	8479600	ENG.	Each	70	5 - 8 Weeks
		22	DRESSER SEAL 3"	GM	8479602	ENG.	Each	70	5 - 8 Weeks
		23	WASHER (COPPER)	GM	116104	ENG.	Each	84	5 - 8 Weeks
		24	WASHER (STEEL)	GM	103342	ENG.	Each	84	5 - 8 Weeks
		25	LUBE OIL COOLER CORE	GM	9514842	ENG.	Each	2	5 - 8 Weeks
		26	GASKET	GM	9570678	ENG.	Each	2	5 - 8 Weeks
		27	GASKET	GM	9570890	ENG.	Each	4	5 - 8 Weeks
		28	GASKET	GM	9570894	ENG.	Each	4	5 - 8 Weeks
		29	GASKET	GM	9570895	ENG.	Each	2	5 - 8 Weeks
		30	GASKET	GM	8250627	ENG.	Each	2	5 - 8 Weeks
		31	GASKET	GM	9570894	ENG.	Each	2	5 - 8 Weeks
LOT 6	GM – GOVERNOR SPARES	1	GM SOLENOID COIL	GM	8113756	GOV	Each	15	5 - 8 Weeks
		2	GM SWITCH LUBE OIL	GM	8113755	GOV	Each	5	5 - 8 Weeks
		3	REPAIR KIT	GM	9571896	GOV	Each	14	5 - 8 Weeks
		4	SEAL OIL	GM	8061742	GOV	Each	37	5 - 8 Weeks
		5	SEAL OIL	GM	8211818	GOV	Each	37	5 - 8 Weeks
LOT 7	GM – POWER PACK SPARES	1	VALVE – CHECK	GM	5226950	P/PACK	Each	21	5 - 8 Weeks
		2	RING SET	GM	93232961	P/PACK	Each	86	5 - 8 Weeks
		3	PISTON CARRIERS	GM	8442120	P/PACK	Each	32	5 - 8 Weeks
		4	CYLINDER HEAD	GM	9556060	P/PACK	Each	32	5 - 8 Weeks
		5	PISTON	GM	9573312	P/PACK	Each	16	5 - 8 Weeks
LOT 8	GM – TURBO SPARES	1	REPAIR KIT	GM	8380224	TURBO	Each	7	5 - 8 Weeks
		2	CLUTCH ASSEMBLY	GM	9097557	TURBO	Each	4	5 - 8 Weeks

LOCOMOTIVE GE SPARE PARTS									
	SUB ASS	S/N.	DESCRIPTION	CATEGORY	PART No.	SUB ASSEMBLY	UOM	QTY	DELIVERY PERIOD
LOT 9	GE – AIRBRAKE SPARES	1	DIAPHR SMALL VA - 1B	GE	546353	A/BRAKE	Each	6	5 - 8 Weeks
		2	DIAPHRAM 28VB	GE	563784	A/BRAKE	Each	6	5 - 8 Weeks
		3	VA1B CONTROL VALVE REPAIR KIT	GE	591551	A/BRAKE	Each	12	5 - 8 Weeks
		4	SA-26 VALVE REPAIR KIT	GE	559549	A/BRAKE	Each	6	5 - 8 Weeks
		5	VALVE A9 REPAIR KIT	GE	562251	A/BRAKE	Each	6	5 - 8 Weeks
LOT 10	GE – BOGIE SPARES	1	ABSORBER SHOCK	GE	4993721	BOGIE	Each	11	5 - 8 Weeks
		2	FELT SEALS	GE	8855703P14	BOGIE	Each	196	5 - 8 Weeks
		3	FELT SEALS	GE	9961547G2	BOGIE	Each	350	5 - 8 Weeks
		4	G2 SUPPORT BEARINGS	GE	41C6300965G2 New Part No 41C633819G2	BOGIE	Each	12	5 - 8 Weeks
		5	G3 SUPPORT BEARINGS	GE	41C630965G3	BOGIE	Each	12	5 - 8 Weeks
		6	J / BOX WEAR PLATE	GE	41A205203P1	BOGIE	Each	12	5 - 8 Weeks
		7	J / BOX WEAR PLATE ( BIG )	GE	41A211671P10	BOGIE	Each	38	5 - 8 Weeks
		8	PEDESTAL LINERS	GE	41A201604P2	BOGIE	Each	48	5 - 8 Weeks
		9	DUST GUARDS	GE	41B535723G1	BOGIE	Each	12	5 - 8 Weeks
LOT 11	GE – COMPRESSOR EXHAUSTER SPARES	1	DIAPHRAM	GE	506957	BOGIE	Each	32	5 - 8 Weeks
		2	BALL BEARINGS	GE	549826	C / EXH	Each	4	5 - 8 Weeks
		3	DISCHARGE VALVES	GE	578773	C / EXH	Each	14	5 - 8 Weeks
		4	INLET VALVES	GE	514645	C / EXH	Each	14	5 - 8 Weeks
		5	L.P HEAD GASKETS	GE	514651	C / EXH	Each	10	5 - 8 Weeks
		6	LINER CRANK CASE GASKET	GE	514627	C / EXH	Each	10	5 - 8 Weeks
		7	MATING RINGS	GE	566272	C / EXH	Each	8	5 - 8 Weeks
		8	PISTON L.P	GE	550853	C / EXH	Each	10	5 - 8 Weeks
		9	PUMP CHAINS	GE	552645	C / EXH	Each	2	5 - 8 Weeks
		10	VALVE COPPER WASHRES	GE	514644	C / EXH	Each	28	5 - 8 Weeks

		11	CRANKSHAFT	GE	556608	C/EXH	Each	4	5 - 8 Weeks
LOT 12	GE -ELECTRICAL SPARES	1	AIR DUCT	GE	343B109G3	ELECTRICAL	Each	4	5 - 8 Weeks
		2	AIR DUCT LONG	GE	41B500680P1	ELECTRICAL	Each	4	5 - 8 Weeks
		3	BN CARD	GE	17FC114F1	ELECTRICAL	Each	3	5 - 8 Weeks
		4	BREAKER CCT 100 AMP	GE	41A203032P2 New Part No. TK60A100	ELECTRICAL	Each	2	5 - 8 Weeks
		5	BREAKER CCT 15 AMP	GE	41B544907P1	ELECTRICAL	Each	2	5 - 8 Weeks
		6	BREAKER CCT 25 AMP	GE	41B544907P2	ELECTRICAL	Each	2	5 - 8 Weeks
		7	BREAKER CCT 35 AMP	GE	41B544907P4	ELECTRICAL	Each	2	5 - 8 Weeks
		8	COMP. MAGNET VALVE	GE	17MV36B2	ELECTRICAL	Each	2	5 - 8 Weeks
		9	HEAD LIGHTS	GE	200PAR	ELECTRICAL	Each	8	5 - 8 Weeks
		10	BANDING KIT( MAIN GEN)	GE	41B531478G12	ELECTRICAL	Each	6	5 - 8 Weeks
		11	BANDING KIT( T/ MOTORS)	GE	41B531478G2	ELECTRICAL	Each	19	5 - 8 Weeks
		12	A10 BRUSH HOLDERS	GE	8843525G1	ELECTRICAL	Each	32	5 - 8 Weeks
		LOT 13	GE-ENGINE SPARES	1	CENTRE PIN WEAR PLATE	GE	339B768P3	ENG.	Each
2	COMP / EXH. GASKET			GE	514650	ENG.	Each	2	5 - 8 Weeks
3	KNUCKLE ( COUPLER )			GE	958X64	ENG.	Each	2	5 - 8 Weeks
4	RADIATOR PRESSURE CAP 7 PSI			GE	9323490	ENG.	Each	6	5 - 8 Weeks
5	RING KIT			GE	150X1221-1	ENG.	Each	24	5 - 8 Weeks
6	RUBBER DOOM			GE	41A212792P1	ENG.	Each	5	5 - 8 Weeks
7	TURBO-CHARGER KIT			GE	150X1047-1	ENG.	Each	2	5 - 8 Weeks
8	DRESSER SEAL 1"ID			GE	499A912ADP2	ENG.	Each	10	5 - 8 Weeks
9	RUBBER COUPLINGS			GE	41A210386P1	ENG.	Each	32	5 - 8 Weeks
10	GASKET RETAINER			GE	115X1931-1	ENG.	Each	2	5 - 8 Weeks
11	SEAL OIL			GE	115X1930-1	ENG.	Each	8	5 - 8 Weeks
LOT 14	GE - GOVERNOR SPARES	1	DERATOR LINK	GE	132X1273	GOV	Each	2	5 - 8 Weeks
		2	GE SOLENOID COIL	GE	135X1062	GOV	Each	10	5 - 8 Weeks



		3	GE SWITCH LUBE OIL	GE	11-8113755	GOV	Each	2	5 - 8 Weeks
		4	BUFFER PISTON	GE	136X1058	GOV	Each	2	5 - 8 Weeks
LOT 15	GE - INJECTOR SPARES	1	INJECTOR NOZZLE KIT	GE	150X1095	INJ	Each	24	5 - 8 Weeks
		2	JERK PUMP OIL RING	GE	115X2173	INJ	Each	4	5 - 8 Weeks
		3	JERK PUMP OIL RING	GE	115X2249	INJ	Each	4	5 - 8 Weeks
LOT 16	GE - GENERAL SPARES	1	TURBINE END SEAL	GE	126X1139	TURBO	Each	2	5 - 8 Weeks
		2	ELEMENT FUEL FILTER GE 132X1250	GE	132 x 1250		Each	140	5 - 8 Weeks
		3	LUBE OIL FILTER	GE	2x4222		Each	750	5 - 8 Weeks
		4	BRAZING STRIP	GE	41A231281P33		Each	3870	5 - 8 Weeks

**TABLE 2: LIST OF ITEMS REMOVED FROM THE TENDER**

S/N.	DESCRIPTION	PART No.	SUB ASSEMBLY	UOM	QTY
1	FUEL VALVE	140X1267 - 3	ENG.	Each	4
2	GOVERNOR PLUG	2131292	ELECTRICAL	Each	2
3	H.P HEAD GASKETS	518296	C / EXH	Each	2
4	OIL PUMP	585870	C / EXH	Each	1
5	REPAIR KIT	8924 – 238	GOV	Each	6
6	WATER PUMP INSTALLATION KIT	41A215495P21	ENG.	Each	4
7	BUFFER PISTON	136X1058	GOV	Each	2
8	TRIANGULAR PLATE	136X1708	GOV	Each	2
9	NOZZLE WITH VALVE AND TIP	123X1034	INJ	Each	20