

Appendix 3 to Part B EF Spares and EF Special Tools

1. EF Spares List

Cat No.	Description	Number provided
172120003	APD DETECTOR	1
172070032	TELESCOP RAIL CPL RH	0
172070033	TELESCOP RAIL CPL LH	0
172010018	YAW DAMPER	1
172200005	WASH JET WITH PIPE FITTINGS	0
172010011	BRAKE PADS L/H	64
172210001	DRIVERS WINDSCREEN LEFT	1
172210002	NON DRIVER WINDSCREEN RIGHT	0
172010008	BRAKE PADS R/H	64
172110005	MAIN LIGHT APERTURE COVER RHS	1
172110006	MAIN LIGHT APERTURE COVER LHS	3
172030018	GLASS SMALL	3
172060007	UNCOUPLING CYLINDER	0
172030014	GLASS LARGE	3
172030010	GLASS	3
172010049	TRACTION ROD FIXING KIT	5
172080005	SQUAB ASSY TRIMMED	2
172110015	HEADLIGHT REFLECTOR NIGHT	2
172160010	CUS ASS+COVER STD	2
172020032	WSP PROBE	1
172110001	MAIN LIGHT MODULE RHS	1
172110014	HEADLIGHT REFLECTOR DAY	2
172100055	TURBOSTAR 6" COMVOLUTE ASSY	1
172160002	SQUAB COVER - STANDARD	10
172370007	PASS EMER BUTTON GREY COVER	7
172140003	AIR HORN REDUCING VALVE	1
172070074	ENERGY CHAIN CONNECTING CABLE	3
172100028	COOLANT LEVEL SENSOR	1
172430012	CAB BUZZER 24V 180HZ	1
172100003	ENGINE OIL FILTER	20
172290007	REFUEL SHUT OFF VALV	1
172020040	BRAKE ACTUATOR FILTER	5
172110002	MAIN LIGHT MODULE LHS	0
172080006	CUSHION BOARD ASSY TRIMMED	1
172160003	CUSHION COVER - PRIORITY	15
172430024	DOOR ROLLER BRACKET	5
172290010	DANFOSS VALVE	2
172100116	OIL LEVEL MONITOR	1
172100008	FILTER ELEMENT	4
172160005	SQUAB ASSEMBLY WITHOUT COVER	5
172170019	ELECTRICAL CONNECTOR POS	1
172140001	CSI-CDF HEATED HORN	1
172300001	REMOTE SENSOR	1
172100104	HOSE	0
172100057	TURBOSTAR PRESSED Y-PIECE ASSY	1
172040014	HANDSET	3

Cat No.	Description	Number provided
172070093	RUBBER PUSH BUTTON	20
172160006	CUSHION ASSY WITHOUT COVER	5
172100117	COOLANT LEVEL INDICATOR	1
172020030	LOW MAIN RES SWITCH	1
172010053	SANDING HOSE FLEXIBLE TYPE	2
172410055	FUSIBLE PLUG	10
172320011	UNDER SEATHEATER RH	0
172320012	UNDER SEAT HEATER LH	0
172140002	CS2-CDF HEATED HORN	1
172010007	SAFETY EARTH BRUSH	16
172070004	LIGHT BARRIER WITH CABLING	1
172070001	WINDOW PANE	1
172160001	CUSHION COVER - STANDARD	5
172070027	ELECTRIC MOTOR	1
172290005	SEETRU GAUGE	0
172020042	EMERGENCY BRAKE HARNESS	1
172200001	MOTOR ONLY DRIVERS - S609090	1
172200002	MOTOR NON DRIVERS - S611997	1
172100063	TURBOSTAR REAR T-PIECE ASSY	0
172290012	PRESSURE TRANSDUCER	0
172450004	ISOFLEX LDS 18 SPECIAL A	2
172150001	54 POLE PLUG WITH AB CONNECTOR	0
172100011	BELLOWS	2
172330003	REPAIR SET SMALL	0
172060001	RESILIENT MOUNT	2
172060003	FIXED CONTACT	10
172370014	BUMP STOP	10
172110009	BODYSIDE INDICATOR	1
172100100	EXHAUST TAIL PIPE	1
172020007	BRAKING PRESSURE SWITCH LOSS	1
172020008	BRAKING PRESSURE SWITCH LOSS	1
172430010	DROP LIGHT WINDOW CATCH	6
172010056	WHEELSET PACKING	8
172230005	LIGHTING INVERTER 24 VOLT	6
172270012	AUX POW BREAKER POLE	0
172010005	SANDING BRACKET (LH)	0
172010006	SANDING BRACKET (RH)	0
172010055	EARTHING CABLE	1
172050006	DVRX VEST CAMERA	2
172170020	HYDRAULIC PRESSURE SENSOR	1
172040012	TELEPHONE ENCLOSURE	0
172300019	CARR LEFT + WHEELS	1
172300020	CARR RIGHT + WHEELS	1
172430023	HINGE ADJUSTABLE FRICTION	10
172290003	RACOR FUEL FILTER	20
172010042	EARTH RETURN GASKET	10
172070005	LIGHT BARRIER	1
172070076	TREAD YELLOW CAB DOOR	10
172470002	SAFETY ISOLATION KEY	15
172110003	CIRCULAR MARKER LIGHT	0

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Cat No.	Description	Number provided
172300022	PRESSURE DIFF SENSOR	1
172160013	SQUAB ASS+COVER PRY	4
172040010	PEACU	1
172100114	TENSIONING ROLLER	3
172010012	PRIMARY SPRING	1
172100093	HOSE	0
172010033	TORQUE REACTION ROD M	0
172010034	TORQUE REACTION ROD S	0
172170011	RAFT FIXING KIT	5
172070085	ANTI-TAMPER LOCK LH ASSY	3
172100119	DESICANT FILTER CHANGE KIT	2
172370017	WAIST RAIL RUBBER TUBING	20
172140004	CONICAL DEBRIS FILTER	2
172290011	RACOR FUEL FILTER ASSY	0
172100112	ENGINE COMPRESSOR PIPE NO.1	1
172070007	BOWDENCABLE LH	1
172070075	TREAD YELLOW SALOON	10
172100103	FUEL FILTER	10
172010054	FUSIBLE PLUG	10
172180001	DRIVERS SCISSOR SUNBLIND	4
172020009	PRESSURE SWITCH	1
172320031	55 AMP CIRCUIT BREAKER	4
172120005	JUNCTION BOX	0
172020015	COMPRESSOR EP VALVE	0
172200003	WIPER ARM & BLADE ASSY	1
172020023	PRESSURE SWITCH	2
172230008	FLUORESCENT TUBE	25
172320004	FILTER PLEATED	60
172120009	SPRAY RING WEB BOILER	0
172100089	HYDROSTATIC HOSE	2
172060006	COUPLER PIN	0
172320023	FRAME AIR FILTER	10
172440002	CONTACTOR	1
172120004	PULL CABLE	1
172010013	TRACTION ROD (TRAILER)	0
172300023	PRESSURE REGULATOR	1
172260006	AERIAL DEFLECTOR DOM	1
172200020	WINDSCREEN WASHER NOZZLE	5
172100022	VEE BELT TENSIONER	1
172430019	HANDLE	2
172320017	SALOON EXHT FAN 3PH	0
172010030	FLEXIBLE HOSE - PB TRAILER	2
172200015	WIPER ARM	1
172100101	PLEATED COOLANT HOSE	0
172010009	SEAL RING AXLE DRIVE	50
172430002	LITTER BIN	2
172070092	TREADPLATE INSERT	10
172170022	FUSE 250 AMP	1
172100108	V BAND CLAMP TURBO BELLOWS	2
172070002	SUPPORT ROLLER	4

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Cat No.	Description	Number provided
172370018	RUBBER SEAL - SILICONE E GREY	10
172290013	WASHER FILLER PIPEWORK	1
172410056	SANDING NOZZLE	2
172010016	VERTICAL DAMPER	0
172170021	FUEL HOSE	2
172300017	CONVERTER 24/12V DC	1
172300008	REMOTE SENSOR	1
172100064	INTERPIPE	1
172100038	FUEL DUPLEX FILTER	0
172320032	BOILER RESET BUTTON	1
172390001	DIGITAL INPUT UNIT	0
172200016	DRIVE MECHANISM	1
172200017	DRIVE MECHANISM NDS	1
172100073	RUBBER BOBBIN 20-01510-01	6
172060015	SWING BOLT	0
172100009	GASKET KIT	4
172040001	SALOON L/SPEAKER	3
172110004	DRIVER'S DISPLAY PANEL	0
172320026	FILTER ASSY 298 X 182 X 11	50
172300005	SEAL STRIP SET	1
172300016	CABLE TRACK	1
172370004	SMOKE DETECTOR AND BASE	1
172010050	AXLE END GASKET	40
172080002	ARMREST ASSY COMPLETE LH	3
172100097	VENT FILTER	4
172290006	SEETRU GAUGE	0
172390002	MIXED ANALOGUE I/O	0
172070006	REFLECTOR	4
172100007	BELT	0
172160004	SQUAB COVER - PRIORITY	4
172100122	AIR INTAKE FILTER HOUSING	1
172260004	AERIAL MOUNTING KIT	1
172100109	FRONT PIPE EXHAUST	1
172300025	DOOR VALVE	0
172100069	7" V-CLAMP	1
172010003	LIFE GUARD (LH)	0
172010004	LIFE GUARD (RH)	0
172100102	AIR DRYER HEATER ELEMENT	0
172050009	CAMERA CCTV FORWARD FACING	0
172290015	AGASTAT TIMING MODULE	0
172370005	BRACKET AC UNIT RESTRAINT	2
172100040	PRESSURE SENSOR	1
172100039	PRESSURE SWITCH	0
172260005	AERIAL HARNESS COMP	0
172070009	BOWDENCABLE	2
172080013	ARMREST STANDARD RH DR NDR	1
172100058	SWING BRACKET	0
172100061	SWING BRACKET	0
172320021	24V SUP FAN RPRI7M	0
172050005	DVRX FWD FACE CAMERA	1

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Cat No.	Description	Number provided
172240005	LADDER	0
172160009	SQUAB ASS+COVER STD	0
172100053	172 AIR INTAKE FILTER	6
172060019	AIR COUPLER MOUTHPIECE	1
172080009	ARMREST ASSY COMPLETE RH	1
172430016	SIGHT GLASS LENS	2
172100037	FUEL DELIVERY PUMP : C/W	0
172320024	SCREW SOUTHCO	50
172070003	BOWDENCABLE	2
172010040	SCREW PLUG	5
172300002	POSITION SENSOR	1
172100043	FUSE	1
172320003	BLOWER	1
172100012	NOZZLE HOLDER COMPLETE	0
172100088	TRANSMISSION FILTER KIT	8
172090001	DSD BUZZER AND POWER SUPPLY	2
172070065	PUSHBUTTON PNEUM 8MM	0
172300021	BEARING SUPPORT	1
172500014	R/H FIRE EXTINGUISHER LABEL	15
172300006	MAIN SWITCH	1
172070071	ENERGY CHAIN	2
172430018	FLAG & DETONATOR BOX	0
172080012	ARMREST LH SHORT DRIVERS SIDE	1
172100033	FUEL PUMP	0
172310002	MODEM CONNECTION	3
172500013	L/H FIRE EXTINGUISHER LABEL	15
172260008	AWS SWITCH CIRCULAR P BUTTON	0
172070015	DISPLAY	0
172200019	CONVERTER 24V/12V	0
172100107	EXHAUST CLAMP QCVA6	2
172070017	WARNING BUZZER	0
172110016	HEADLIGHT BULB	12
172060005	BUSH PLN ACOUPLE PIN	0
172160012	CUS ASS+COVER PRY	1
172370009	YELLOW PUSH BUTTON COVER	10
172370008	BLACK PUSH BUTTON	10
172320030	55AMP CIRCUIT BREAKER	2
172100066	SILENCER STRAP	2
172410057	EARTHING CABLE	0
172070082	DOOR LOCK MECH	0
172200004	WIPER BLADE	4
172080010	GAS CYLINDER ASSY	1
172080004	ARMREST PAD SHORT LH	2
172170016	GASKET CYLINDER HEAD COVER	24
172100059	MOUNT BRACKET	1
172430011	RETURN AIR FILTER 160X426X48	20
172040007	DUAL ANTENNA + LEADS	0
172100002	ENGINE FUEL FILTER - LARGE	10
172070079	HINGE	9
172410058	ENGINE COMPRESSOR PIPE NO.2	0

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Cat No.	Description	Number provided
172100110	INTERPIPE	1
172100047	SEALING RING	20
172080007	ARMREST ASSY PAD RH	2
172010031	FLEXIBLE HOSE - HABD	2
172170013	TRANSMISSION SYPHON KIT	2
172430014	CAB PUSH BUTTON PNEU COV	8
172010020	ANTI-ROLL BAR VERTICAL LINK LH	0
172010021	ANTI-ROLL BAR VERTICAL LINK RH	0
172100090	OIL LEVEL SENSOR	0
172040002	CAB L/SPEAKER	1
172240008	EMERGENCY CUPBOARD GLASS	10
172070030	PUSHBUTTON	0
172100078	BAND CLAMP NUTS	10
172370015	CROSS MEMBER	1
172320018	SUPPLY FAN CONTROL	0
172100085	SS SEAL CLAMP 7" N.B	2
172070041	SWITCH PB YELLOW LED	0
172020022	COMPRESSOR GOVERNOR	0
172020031	SYSTEM SAFETY VALVE	0
172300004	BTM FLOOR GUIDE KIT	0
172120007	LHD DETECTOR	0
172320028	HEATER THERMOSTAT T2-OPEN	1
172050011	ANTENNA CCTV WLAN	0
172070028	TORSION SPRING RH	5
172300003	DIRECT VALVE -COIL	1
172230003	DICHROIC HALOGEN LAMP 17D*	10
172030020	SALOON WINDOW RUBBER	10
172080008	ARMREST CHANNEL ASSY RH	2
172100060	ADJUST BRACKET	0
172010017	LATERAL DAMPER	0
172020029	TEST POINT	0
172010041	SCREW PLUG RING SEAL	40
172290002	FUEL HOSE 5/8 750LG	0
172100095	RED SHROUD	5
172410002	PARKING BRAKE HOSE FLX01	2
172350002	CODE PLUG	0
172070008	BOWDENCABLE	1
172470001	KABA KEY	3
172070063	SWITCH PB BLACK	2
172070081	CABLE TENSIONING DEVICE	3
172070029	TENSION SPRING	5
172100025	CHANGE AIR TEMP SENSOR	0
172330004	SLIDING LEDGE	1
172370002	AIR CONDITION SENSOR	0
172410007	EARTHING CABLE	1
172140005	CONICAL AIR FILTER CLAMP	2
172100026	SPEED SENSOR CRANK CAM	0
172100111	COPPER WASHER	10
172070073	CHAIN CONNECTOR WITH BOLT	10
172370016	BUDGET LOCK	5

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Cat No.	Description	Number provided
172070019	LIMIT SWITCH	1
172070072	CHAIN CONNECTOR WITH DRILLIN	2
172030011	GLAZING RUBBER	3
172030015	GLAZING RUBBER	3
172030019	GLAZING RUBBER	3
172100013	RING - SEALING FUEL PUMP	0
172410008	REPAIR KIT DRAIN VALVE	1
172020019	DUMP VALVE CABLE	0
172430026	CONTACTOR 3P 24V DC COIL	1
172320029	CONTACTOR	1
172100096	GREEN SHROUD	3
172410050	ADAPTOR-PIPE STEM	6
172370013	Bighead Fastener M6 x 12mm	50
172100067	PAINTED BAND CLAMP	2
172240007	ROPE	1
172410006	VARR PRESS GASSPRING ROD	0
172060018	AIR COUPLER SEAL RING	20
172300012	W/SET - ONE CARRIAGE	1
172100113	FILTER HOUSING	5
172290009	DRAIN VALVE	0
172080011	ADJUSTING KNOB	4
172100042	FUSE	0
172020041	BRAKE ACTUATOR BELLOWS	5
172430004	SWITCH DRIVERS KEYSWITCH	0
172290001	FUEL HOSE 1/2 380LG	0
172070016	TORSION SPRING LH	5
172100062	MOUNT BRACKET	0
172100080	SS CLAMP FOR 6" NB POLYLOCK	1
172060017	TENSION PIN	20
172290004	1/2 BSP BALL VALVE	0
172100005	ENGINE OIL SUMP PLUG WASHER	3
172010024	LATERAL BUMP STOPS	0
172370011	VESTI CAMERA LENS	2
172070069	KEYSWITCH SINGLE 20 HIGH SEC	0
172010019	LEVELLING VALVE CONTROL ROD	0
172240006	FIRST AID BOX	1
172160011	GRAB HANDLE	0
172100049	SEALING RING	20
172100001	ENGINE FUEL PRE FILTER - SMALL	3
172070020	TORSION SPRING	5
172430005	SWITCH PB EMERGENCY STOP	0
172020025	BRK CYL PRESS SWITCH	0
172100056	BRACKET	0
172430017	BUFFER COMPLETE	5
172430001	DRIVERS PEDAL SWITCH	0
172240003	UNCOUPLING TOOL - AUTOCOUPLER	2
172160007	PEDESTAL RH	1
172160008	PEDESTAL LH	1
172320025	FILTER FRESH AIR CAB	10
172030004	POSITIONING RUBBER	3

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Cat No.	Description	Number provided
172030013	POSITIONING RUBBER	3
172030017	POSITIONING RUBBER	3
172410001	SANDING HOSE FLX02	0
172100118	HUMIDITY CHANGE OUT KIT	2
172300010	DIRECT VALVE -COIL	0
172430013	CAB CIRCUIT BREAKERS	1
172410060	PARKING BRAKE HOSE.	1
172070045	SWITCH ROTARY 4 POS	0
172010010	SEALING RING	20
172030003	SEALING RUBBER PROFILE	3
172030012	SEALING RUBBER PROFILE	3
172030016	SEALING RUBBER PROFILE	3
172030006	SPIRAL SPRINGS	10
172020003	DRAIN COCK	0
172230004	FLUORESCENT TUBE 4P COOL WHITE	5
172320001	CONVECT HEAT SOLEND	1
172480001	FUEL NOZZLE	4
172070044	SWITCH ROTARY 6 POS	0
172070051	SWITCH ROTARY	0
172020037	PNEUMATIC CHOKE WITH O RINGS	2
172300018	CARR SPACER BEARING	1
172240001	HAMMER EMERGENCY (HOLSTER) RED	4
172100052	SEAL RING	20
172020038	COCK-PNEUMATIC 1/2" BSP	1
172070070	EMERGENCY EGRESS HANDLE COV	10
172100050	SEALING RING	10
172170003	BATTERY FUSE BOX A/P GASKET	1
172100030	PLUG	10
172170005	AUX EQUIP BOX A/P GASKET	1
172100092	HOSE	0
172070060	SWITCH PB BLK MROOM	0
172070091	SECURING ANGLE	2
172020016	COMP. SAFETY VALVE	0
172070037	ROTARY SWITCH 5 POS	0
172070046	SWITCH PB ILLUM. BLUE	0
172300009	12V COIL DIRECT VALV	1
172430008	DRIVERS COAT HOOK	3
172010025	LONGITUDINAL BUMPSTOPS	0
172100087	OIL FILTER HOUSING GASKET	1
172430025	K4 RELAY	3
172100115	TENSIONING ROLLER HEX SCREW	20
172100015	SEALING RING STAGE	1
172070014	TENSION SPRING	4
172070068	WISE-ACTION LATCH	0
172300013	GOGGED BELT	0
172100121	HYDROSTATIC HOSE O RING	4
172230002	FLUORESCENT TUBE - COOL WHITE	10
172070031	WARNING BUZZER	5
172100051	SEALING RING	50
172370006	PASS EMG BUTTON COVER FLAP	20

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Cat No.	Description	Number provided
172070038	SWITCH PB RED	0
172070050	SWITCH PB ENGR BLACK	0
172070040	ROTARY SWITCH	0
172070066	WISE ACT COMP LATCH	0
555/000026	T3 1/4" E10 LAMP 24V 120MA	20
172070018	TOGGLE SWITCH	1
172070039	SWITCH PB BLUE	0
172270006	PIPE EPDM 9X14X169 U	1
172410051	ADAPTOR FEMALE	1
172020011	EXHAUST SILENCER	0
172100046	SEALING RING	20
172430022	COIL SUPPRESSOR	2
172430021	8 POLE RELAY WITH INTEGRATED	0
172070052	SWITCH PB ILLUM BLUE	0
172100048	SEAL RING	20
172330002	SAFETY WALK 730 MM	1
172270007	PIPEEPDM9X14XL2500MM	0
172460001	LOCKING SCREW 4.40 UNC	25
172430027	UNCOUPLING BARRING CLIPS	20
172100004	ENGINE OIL FILTER PLUG WASHER	3
172270008	HYDRAULIC COUPLING	0
172070034	SWITCH PB YELLOW	0
172010001	OVER INFL VALVE WIRE	0
172300011	BTTM FLR GUIDE SLIDE	1
172020004	DRAIN VALVE	0
172070042	SWITCH PB RED	0
172240002	COVER (FLAG & DETONATOR BOX)	1
172300007	BRUSH SEAL	1
172270009	COUPLING W/O SHUTOFF	0
172170017	SCREW HEX HEAD M8 X 16	10
172070064	SWITCH PB YELLOW	0
172070036	ROTARY SWITCH 3.POS	0
172070058	SWITCH PB RED	0
172070059	SWITCH PB YELLOW	0
172010002	ARB SEC RETENTION	0
172100034	VEE-BAND CLAMP	0
172010028	FLEXIBLE HOSE - SERVICE BRAKE	0
172320022	FILTER PAD FOOT HEATER	20
172100106	SCREW M10 X 70	4
172070054	INDICATOR CIRC BLUE	0
172070047	INDICATOR PANEL BLUE	0
172370012	RIVIT	20
172070053	INDICATOR CIRC RED	0
172070055	INDICATOR CIRC YEL	0
172270001	PIPE EPDM 9X14X166 U	0
172330001	SAFETY WALK 630 MM	0
172100023	THERMOSTAT	0
172070048	INDICATOR PANEL YEL	0
172070043	SWITCH PB RED	0
172070049	INDICATOR PANEL RED	0

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Cat No.	Description	Number provided
172070067	PUSH LOCK / PULL TAB LOCK	0
172070078	STRAIGHT GROOVE PIN	2
172070062	SWITCH PB BLK LATCH	0
172070035	SWITCH PB GREEN	0
172100044	PRESSURE SWITCH	0
172030002	POSITIONING PARTS	10
172170010	CIRCLIP 'E' (12 DIA SHAFT)	10
172100045	RELAY	0
172100105	O RING	4
172320027	FILTER FRESH AIR CAB SHEET	2
172410003	SAND BOX SEAL	0
172070061	SWITCH PB BLK LATCH	0
172100027	OIL/WATER SENSOR	0
172070056	SWITCH PB BLACK	0
172070057	SWITCH PB BLUE	0
172170007	GASKET (GLAND PLATE)	2
172170002	GASKET-BATTERY CRATE DOOR	1
172100017	NUT	3
172410049	STRAIGHT ADAPTOR 1/2" BSP	0
172170015	BOLT M8 X 45	50
172170012	M12 X 80 HIGH TENSILE BOLT	5
172170004	BATTERY FUSE BOX GASKET SEAL	1
172170008	GASKET BARRIER PLATE	1
172170006	AUX EQUIP CASE DOOR GASKET	1
172100016	O RING STAGE III	1
172270002	TERMINAL COVER 380MM	0
172270003	TERMINAL COVER 530MM	0
172270004	TERMINAL COVER 460MM	0
172270010	TERMINAL COVER 900MM	0
172020033	CHECK VALVE SEALING WASHER	20
172060009	COMPRESSN SPRING INN	0
172100020	FLANGE GASKET	0
172060010	PLAIN WASHER SPECIAL	0
172230009	INVERTER PLUG	2
172100077	M8 STAYTIGHT LOCKNUT A2 S.S	1
172060011	TENSION SPRING	0
172100029	GASKET	0
172170009	RELAY LUGS	1
172410052	BLANKING PLUG 1/4" BSPT	0
172100024	SEAL TOROIDAL (O-RING)	0
172170014	SCREW HEX HEAD M8 X 16	16
172100031	BLANKING PLUG	0
064/009525	LIGHTSTICK	0
172010014	TRACTION ROD (POWER)	0
172020034	RES PIPE ISOLATION COCK	0
172020039	SAND BOX SEAL	0
172020043	PARK BRAKE PRESSURE SWITCH	0
172070088	SECURING CLIP	5
172070090	TURNBUCKLE	2
172100054	ACOUSTIC COVER STONEGAURD	2

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Cat No.	Description	Number provided
172100086	OIL FILTER HOUSING	
172100091	V BELT GUARD	0
172100120	ALTERNATOR PLUG FITTING	1
172120006	PULL BOX	1
172170018	ELECTRICAL CONNECTOR NEG	1
172210005	ARM EXTRACTION TOOL	1
172240009	EMERGENCY BLANKET KIT	2
172270013	LOW BATTERY RELAY	0
172290008	REFUEL COUPLING	0
172410059	ENGINE COMPRESSOR PIPE NO.3	0
172410061	FLEXIBLE HOSE	0
172410062	GAS SPRING	5
172430020	EMERGENCY PUSH BUTTON	2
172250002	TCA ANTENNA	0
172070021	DOOR CONTROL UNIT	0
172430009	SPEEDOMETER	2
172390003	IDU	1
172360003	CAB RADIO GSM-R	1
172320013	SALOON CONTROL PANEL	0
172320033	WEBASTO BURNER HEAD COMPLETE	0
172040004	DESTINATION DISPLAY	1
172040013	SACU	1
172300014	LED DOOR CONTROLLER	1
172260001	TPWS CONTROL UNIT	1
172100041	LEVEL TRANSMITTER	0
172080001	DRIVERS SEAT COMPLETE	2
172270005	STARTER BATTERY	0
172040011	SIDE DISPLAY	2
172250003	TCA CONTROL BOX	0
172020021	DOUBLE CHECK VALVE	0
172350001	OTMR	1
172090002	DSD SINGLE FOOTPEDAL	2
172310001	TCMS MODEM	3
172020017	WSP MPU	0
172300024	CYLINDER COMPLETE	1
172050010	CCTV MITRAC WLAN UNT	2
172260002	POWER SUPPLY 72-96V	1
172200018	RELAY BOX - WIPER	1
172010047	BRAKE ACTUATOR PARKING	0
172260003	AWS RECEIVER UNIT	1
172320014	CAB CONTROL PANEL	0
172110011	DRIVERS REMINDER CONTROL UNIT	1
172320010	CAB CON HEATER 400V	0
172020006	VARIABLE PRESSURE LIMIT VALVE	0
172020020	DUPLEX CHECK VALVE	0
172010015	SECONDARY AIRSPRING ASSY	0
172070083	PASS DOOR EMER EGRESS DEV	1
172070084	EMER ACCESS DEV PASS	1
172070086	HANDLE GREEN LH CAB DOOR	1
172110008	CONTROL UNIT	0

Cat No.	Description	Number provided
172070010	DROP LIGHT WINDOW	1
172390005	TCN-GATEWAY 12KG04Q	0
172060016	AIR COUPLER	1
172020026	SAND EP VALVE +CABLE	0
172100035	STARTER MOTOR STAGE 3	0
172010057	BRAKE ACTUATOR L/H	0
172010035	INTERAXLE CARDAN SHAFT	0
172280001	CARDAN SHAFT	0
172100036	AIR COMPRESSOR	0
098/072820	AWS ALARM & INDICATING	1
172430007	VALVE HORN CONTROL 4 WAY	1
172250004	TCA CABLE HARNESS UNIT	0
172060004	CVR FRONT AUTOCOUPLR	1
172020036	SANDING SALEM EP VALVE	1
172010048	FINAL DRV SHIFT CYL ASSY	1
172040009	SALOON DISPLAY	2
172010036	BRAKE UNIT SERVICE	0
172010022	ARB TORSION BAR (TRAILER)	0
172020035	COMBINED CHECK VALVE CHOKE	1
172040006	SLU SALOON	0
172010023	ARB TORSION BAR (POWER)	0
172020018	1" DUMP VALVE	0
172020013	PRESS PROTECTN VALVE	1
172020028	1/2" DUMP VALVE	0
172250001	TCA TUNER BOX	0
172430006	BRAKE PRES GAUGE SQ PCBLIGHT	0
172020024	UNLOADER VALVE	0
172320006	CAB PLC CONTROL	0
172360004	RADIO UNIT	3
172100021	TURBO CHARGER	0
172390004	COMM CONTROLR UNIT	0
172410004	CONTACTOR STABLING	1
172360001	RADIO PSU	0
172090003	DSD VIGILANCE UNIT	0
172020012	3-WAY ISOLATING COCK	0
172020010	COMPRESSOR CHECK VALVE	0
172020014	DOUBLE CHECK VALVE	0
172410053	TRANSDUCER	0
172010038	BRAKE UNIT (PARKING)	0
172020027	POWER BRAKE CONTROL	1
172040005	DACP UNIT PISC	3
172050007	DVRX DVR 1000GB HDD	0
172120001	AUTO EXTINGUISHER	2
172120002	MANUAL EXTINGUISHER	2
172270011	BATTERY AUXILIARY	0
172290014	FUEL TANK	0
172310003	MODEM	0
172320007	CAB HVAC UNIT	0
172320009	WEBASTO BOILER	0
172440001	BATTERY CHARGER UNIT	0

2. EF Special Tools

Ref no.	EF Special Tool description	Part/drawing number	Number provided
1	Pneumatic Knife		1
2	Grease meter		1
3	SACU Programming handset with 21 way adaptor	3EER30000-2046	1
4	Force meter (digital)		1
5	Passenger door software (winUpdate)		1
6	Tee bar (handle complete)	400-1012-07	2
7	Square Key, 9mm cranked		
8	Extractor tool	3EEC200003-0638	2
9	Bush insertion tool		2
10	Rigid Straight Edge – approx 2.8m long with feet that sit on rail		1
11	Slip gauge (pad thickness + gap)		2
12	Oil sample kit		1
13	24v Power Pack		2
14	pH Tester		1
15	½” T piece with isolating cock on one branch		1
16	Setting Gauge (Cab Door)		2
17	Female Square Key 8mm (Southco Key)		50
18	Kaba Key		50
19	Safety Isolation Reset Key	3EER100010-181	20
20	Airspring spigot jacking tool		1
21	Brake actuator spanner		2
22	Oil filling system/flushing rig for Engine/Hydrostatic oil system		1
23	Oil filling system for the Transmission system		1
24	Barring Tool (engine turning tool)		1
25	V Belt tension measuring tool		1
26	Coolant topping system		1
27	Powerpack Diagnostics		1
28	Adaptor Hose & Pump for Quick Filler	3EER 100011-860	1
29	Battery Filling Station		1
30	Battery Charger		1
31	DVRX Test Monitor (cctv camera test box)		1
32	DVRX Keyboard		1
33	DVRXView and DVRXtract Software		1
34	OTMR USB PCMCIA memory card reader		2
35	4MB PCMCIA memory card		2
36	Analyser2 Software (including licence)		1
37	PISC Maintenance Utility and Terminal software		1
38	Heat Detector Tester		1
39	Pushbutton Removal Tool	3EEC200000-0462	10
40	Setting Gauge (cab door)	3EER300002-4141	2

Ref no.	EF Special Tool description	Part/drawing number	Number provided
41	Check Gauge (passenger doors)		2
42	Setting Gauge (passenger doors)		2
43	Test Box	3ED00279R05	1
44	Door gauges (obstacle detection)		2
45	Passenger Door Software (DIAG Studio V3 Software)		1
46	DB9 Male to Female Serial cable & USB serial converter		4
47	OTMR configuration lead		2
48	Scheduler for Route Database		1
49	Editor for Route Database		1
50	HVAC Software (LabView)		1
51	Coupler gauge		
52	Coupler gauge		1
53	Current clamp metre		1
54	Current clamp metre		1
55	Digital Torque tester 10 N/m- 250 N/m		1
56	Air Con Temperature sensor and case		1
57	Air Con Temperature sensor and case		1
58	Laser Distance measuring tool		1
59	Coupler gauge 1.00mm		1
60	Coupler gauge 0.8mm		1
61	gauges for door set up and wallet		9xset
62	gauges for door set up and wallet		9xset
63	Duplex valve test rig		1
64	Fork lift Towing arm for power pack trolley		1
65	Caster attachment for power pack trolley		1
66	TCA Current Tester		1
67	Depot shore supply cable 3.5 metres		1
68	Mini Diagnostic tester (eng/trans)		1
69	Memory cards OTMR		x5
70	Magnetic DTI (carden shafts)		1
71	Power Pack skid plate strengthening and feet location/ cross ties/ beams addition		1
72	Extension stools		x4
73	Power Pack skid support adjustment to 200mm wider plates plus larger ball units		1
74	Caster replacement for periphery casters for power pack trolley		1
75	Metered grease gun and adapters		1
76	Engine power pack tow unit (Donkey) Power out put adjustment from 10KW to 15KW to assist in towing engines to loading area		1
77	CCTV Laptop software and attachment cables		x2
78	Power pack bogie support trolley		1

Part C Existing Fleet Payment Mechanism

1. EF Service Payments

Calculation of EF Service Payments

1.1 The EF Service Payment for each Reference Railway Period shall be an amount equal to:

$$\pounds ESP = SEP + OP + CP - EPRA + MEPA + WDCA + CPPA$$

where:

- $\pounds ESP$ means the EF Service Payment for the Reference Railway Period payable by the Purchaser to the Maintainer;
- SEP means the Standard Exam Payment for the Previous Railway Period, calculated in accordance with paragraph 2.1 of this Part C;
- OP means the Overhauls Payment for the Previous Railway Period, calculated in accordance with paragraph 2.5 of this Part C;
- CP means the Cleaning Payment for the Previous Railway Period, calculated in accordance with paragraph 2.9 of this Part C;
- EPRA means the EF Performance Regime Adjustment relating to performance in the Previous Railway Period calculated in accordance with paragraph 2.13 of this Part C;
- MEPA means the Marginal EF Unit Payment Adjustment relating to the Previous Railway Period, calculated in accordance with paragraph 2.14 of this Part C;
- WDCA means the Willesden Depot Costs Adjustment, calculated in accordance with paragraph 2.15 of this Part C; and
- CPPA means the Costs Payable by the Purchaser Adjustment for EF Additional Services, calculated in accordance with paragraph 2.16 of this Part C.

Disputed Amounts

1.2 The Undisputed Amount (as described in clause 19.3(c)) of each of the EPRA, the MEPA, the CPPA, the SEP, the OP and the CP will form part of the EF Service Payment and be payable pursuant to clause 19.4 and the Disputed Amount (as described in clause 19.3(b)) shall be dealt with in accordance with clauses 19.2(c) and 19.4(b), save that any references in such clauses to the 'Service Payment' or any elements thereof under Schedule 6 (*Payment Mechanism*) that apply during the Maintenance Period shall be deemed as references to the EF Service Payment and the elements thereof under paragraph 2 (*Calculation of EF Service Payments*).

Payments

1.3 The Purchaser shall pay to the Maintainer the EF Service Payment that is payable for each Railway Period in accordance with the payment terms set out in clause 19 (*Payments*), save that any references in such clauses to the 'Service Payment' or any elements thereof under Schedule 6 (*Payment Mechanism*) that apply during the Maintenance Period shall be deemed as references to the EF Service Payment and the elements thereof under paragraph 2 (*Calculation of EF Service Payments*).

2. Calculation of EF Service Payments

Standard Exam Payment

2.1 The Standard Exam Payment for a Railway Period shall be calculated by taking the Price Per Exam as listed in the table at paragraph 2.2, and multiplying by the number of such Exams taken in that Railway Period.

2.2 The Price Per Exam is a fixed rate payment per Exam based on the following table and shall apply without mark-up or deduction irrespective of whether such Exam has been performed as a stand alone service or alongside other EF Services:

Class 172 Diesel Maintenance (Exams)	Cost per Exam (£)
Fuel Point Exam	
Unit Winterisation Exam	
Ultra-Sonic Axle Testing Exam	
Train Preparation (daily) Exam	
A1 Exam	
A2 Exam	
A3 Exam	
A4 Exam	
A5 Exam	
A6 Exam	
A7 Exam	
A8 Exam	
A9 Exam	
A10 Exam	
A11 Exam	

A12 Exam	
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* included in overheads.

- 2.3 The amount of the Standard Exam Payment shall be included in the EF Service Payment Report delivered by the Purchaser five Working Days following the end of the Railway Period in which the Standard Exam Payment has arisen pursuant to clause 19.2.
- 2.4 The Maintainer shall include information of and any evidence reasonably required by the Purchaser relating to any Exam performed in the Maintainer EF Performance Monitoring Report provided pursuant to paragraph 9.1 of Part D (*Existing Fleet Performance Regime*).

Overhauls Payment

- 2.5 The Overhauls Payment for a Railway Period shall be limited to the reasonable and proper cost incurred by the Maintainer and its related subcontractors in providing EF Overhaul Services on the EF Units on the following basis:
- (a) the labour rate for depot staff to be charged for EF Overhaul Services is £ [REDACTED] per hour;
 - (b) parts and materials used for EF Overhaul Services will be charged at cost plus [REDACTED] mark-up; and
 - (c) professional staff costs, if relevant, shall be charged on the basis set out in Appendix 1 (*Schedule of Costs*) to Schedule 10 (*Change Procedure*);
- 2.6 The Maintainer shall provide to the Purchaser on an Open Book Basis of the costs of the Maintainer and its related subcontractors in respect of such EF Overhaul Services.
- 2.7 The amount of the Overhauls Payment shall be included in the EF Service Payment Report delivered by the Purchaser five Working Days following the end of the Railway Period in which the Overhauls Payment has arisen pursuant to clause 19.2.
- 2.8 The Maintainer shall include information of and any evidence reasonably required by the Purchaser of any Overhaul Services performed in the Maintainer EF Performance Monitoring Report provided pursuant to paragraph 9.1 of Part D (*Existing Fleet Performance Regime*).

Cleaning Payment

- 2.9 The Cleaning Payment shall be [REDACTED] per Cleaning Activity (the *Cleaning Cost*) and shall be calculated by taking the number of Cleaning Activities performed in a Railway Period multiplied by the Cleaning Cost.
- 2.10 In relation to any EF Unit for which the Maintainer ceases to perform the EF Services in a Railway Period, the Cleaning Payment shall be reduced pro rata in accordance with the number of days in that Railway Period for which the Maintainer has ceased to perform such EF Services.

- 2.11 The amount of the Cleaning Payment shall be included in the EF Service Payment Report delivered by the Purchaser five Working Days following the end of the Railway Period in which the Cleaning Payment has arisen pursuant to clause 19.2.
- 2.12 The Maintainer shall include information of and any evidence reasonably required by the Purchaser of any Cleaning Activity performed in the Maintainer EF Performance Monitoring Report provided pursuant to paragraph 9.1 of Part D (*Existing Fleet Performance Regime*).

EF Performance Regime Adjustment (EPRA)

- 2.13 (a) The EF Performance Regime Adjustment for a Railway Period shall be calculated by taking the aggregate of the EF Adjustments listed in paragraphs 2.13(a)(i) to (vii) of this Part C, each as calculated pursuant to Part D (*Existing Fleet Performance Regime*) for that Railway Period and as they appear in the EF Service Payment Report issued by the Purchaser to the Maintainer for that Railway Period (pursuant to clause 19.2(b)):
- (i) EF Availability Adjustment;
 - (ii) EF Cancellation Adjustment;
 - (iii) EF Delay Adjustment;
 - (iv) EF Major Incident Adjustment;
 - (v) EF Service Defect Adjustment;
 - (vi) EF Cleaning and Aesthetic Condition Adjustment; and
 - (vii) EF Performance Monitoring Adjustment.
- (b) The Undisputed Amount element of the EF Performance Regime Adjustment shall be paid by the Purchaser as part of the EF Service Payment for the relevant Reference Railway Period pursuant to clause 19.4(a).
- (c) The Disputed Amount element of the EF Performance Regime Adjustment shall be referred to the Performance Review Meeting pursuant to paragraph 8 (*Performance Review Meetings*) of Schedule 8 (*Contract Management*) (which, for the avoidance of doubt, shall apply mutatis mutandis to the provisions of this Schedule 23) and the Dispute Resolution Procedure pursuant to clause 43 (*Dispute Resolution*) and, once such Disputed Amount has been determined, shall form part of the EF Performance Regime Adjustment to be included in the EF Service Payment calculation for the Railway Period immediately following the Railway Period during which the Disputed Amount has been agreed.

Marginal EF Unit Payment Adjustment (MEPA)

- 2.14 Clause 11.3 shall apply as if references to Marginal Unit(s) were references to EF Units and the principles of paragraph 2.3 of Schedule 6 (*Payment Mechanism*) shall apply as if those Marginal Unit(s) were EF Unit(s).

Willesden Depot Costs (WDCA)

- 2.15 (a) **Willesden Depot Costs:** Subject to paragraph 2.15(b) below, the Purchaser shall reimburse the Maintainer for:
- (i) all premiums and other reasonable and proper costs incurred by the Maintainer or the Depot Operator in taking out and maintaining any policies or contracts of insurances required to ensure compliance with the terms of the Headlease, in accordance with paragraph 1.3(n) of Schedule 9 (*Maintenance Facilities – Willesden Depot*); and
 - (ii) subject to the Maintainer's and the Depot Operator's compliance with clause 10.12(b), all business rates applicable to the Willesden Depot and associated equipment paid by the Maintainer or the Depot Operator in accordance with clause 10.12(a).
- (b) **Basis of Costs:** The costs and other amounts recoverable from the Purchaser by the Maintainer under this paragraph 2.15 shall be limited to the reasonable and properly incurred costs incurred by the Maintainer or the Depot Operator as from the Existing Fleet Commencement Date until the Operating Date in complying with their obligations referred to in paragraph 2.15(a). For the avoidance of any doubt, the Maintainer shall in any event not be entitled to recover any costs or amounts under this paragraph 2.15 if the Purchaser has otherwise reimbursed and/or paid such costs and amounts to the Maintainer.
- (c) **Evidence of Costs:** The Maintainer shall notify the Purchaser promptly upon its (or the Depot Operator's) incurrence of any costs or other amounts recoverable from the Purchaser by the Maintainer under this paragraph 2.15, and the Purchaser may require the Maintainer to provide evidence on an Open Book Basis of such costs.
- (d) **Cost Recovery:** Payments of amounts recoverable by the Maintainer from the Purchaser under this paragraph 2.15 shall be calculated as the Willesden Depot Costs Adjustment to the EF Service Payment during the Railway Period immediately following the later to occur of:
- (i) the Maintainer notifying the Purchaser of its incurrence of such costs; and
 - (ii) the Purchaser notifying the Maintainer that it is satisfied with any evidence provided by the Maintainer of the amount of the relevant costs,
- and the Purchaser shall notify the Maintainer of the WDCA in the EF Service Payment Report delivered by the Purchaser to the Maintainer within five Working Days following the end of the applicable Railway Period, in accordance with clause 19.2.
- (e) **Obligations Continue:** The obligations of the Maintainer set out in Schedule 9 (*Maintenance Facilities – Willesden Depot*) and all other Maintainer Obligations shall not be postponed or suspended pending agreement or

determination of any question as to the amount of any recoverable cost under this paragraph 2.15.

Costs payable by the Purchaser Adjustment for EF Additional Services

- 2.16 (a) **Costs of EF Additional Services:** Subject to and in accordance with Part B (*Existing Fleet Maintenance Services*) and paragraph 2.16(b) of this Part C, the Purchaser shall reimburse the Maintainer for the reasonable and proper costs of performing EF Additional Services.
- (b) **Basis of Costs:** The costs recoverable from the Purchaser by the Maintainer under this Part C for EF Additional Services shall be limited to the reasonable and proper cost incurred by the Maintainer in providing EF Additional Services or remedying the relevant EF Purchaser Fault on the following basis:
- (i) subject to paragraphs 2.16(b)(iii) and 2.16(c) of this Part C, labour rates for EF Additional Services shall be charged at the Agreed EF Rates for EF Additional Services set out or referred to in Appendix 1 (*EF Additional Services Payments*) to this Part C;
 - (ii) subject to paragraphs 2.16(b)(iii) and 2.16(c) of this Part C, prices for parts and materials for EF Additional Services shall be charged at materials cost plus the mark up set out in paragraph 1.1(b) of Appendix 1 to this Part C;
 - (iii) subject to paragraph 2.16(c) of this Part C, EF Additional Services which constitute the items of work set out at paragraph 2 (*Fixed Price EF Additional Services*) of Appendix 1 (*EF Additional Services Payments*) of this Part C shall be charged at the fixed rate forming part of the Agreed EF Rates for EF Additional Services set out in that paragraph, whether such work is to be carried out as a stand-alone item of work or in conjunction with other EF Additional Services without any additional mark up; and
 - (iv) subject to paragraph 2.16(c) of this Part C, otherwise on the basis of reasonably and properly incurred costs.
- (c) **Evidence of Costs:** The Purchaser may, where the cost of those EF Additional Services is not substantially determined in accordance with Appendix 1 (*EF Additional Services Payments*) of this Part C or the cost of the EF Additional Services is estimated to exceed:
- (i) £10,000, require the Maintainer to provide on an Open Book Basis the costs of the Maintainer and its related subcontractors (in respect of such works); and
 - (ii) £50,000, require the Maintainer to carry out and provide evidence of benchmarking against reasonable third party comparables (taking into account the liability, speed and quality of workmanship required for such works).

- (d) **Cost Recovery:**
- (i) Payments for EF Additional Services recoverable by the Maintainer under this Part C in accordance with Part B (*Existing Fleet Maintenance Services*) shall be calculated as the EF Costs Payable by Purchaser Adjustment to the EF Service Payment during the Railway Period immediately following the later to occur of: (i) the Purchaser's approval of a Request for EF Additional Services Authorisation pursuant to paragraph 3.5(a) of Part B; and (ii) the carrying out and completion of the relevant EF Additional Services (the *EF Additional Services Date*).
 - (ii) The Purchaser shall notify the Maintainer of the CPPA in the EF Service Payment Report delivered by the Purchaser to the Maintainer within five Working Days following the end of the Railway Period during which the EF Additional Services Date occurred in accordance with clause 19.2.
- (e) **Obligation to Repair:** Subject to the provisions of Part B (*Existing Fleet Maintenance Services*), the obligations of the Maintainer set out in Part B shall not be postponed or suspended pending agreement or determination of any question as to causation or of the amount of recoverable cost.

No Indexation

2.17 No indexation of any kind referred to in this Agreement shall apply to any amounts specified in this Schedule 23.

3. Decimal Places, Rounding

All calculations pursuant to this Part C shall be to two decimal places rounding up at 0.xx5 or above and rounding down otherwise (for example, 99.995 = 100.00 and 99.994 = 99.99).



Appendix 1 to Part C
EF Additional Services Payments

1. Rates

1.1 Subject to paragraph 2 (*Fixed Price EF Additional Services*) the rates (the *Agreed EF Rates*) which the Maintainer may charge to the Purchaser for EF Additional Services will be as follows:

- (a) the labour rate for depot staff to be charged for EF Additional Services is [REDACTED] per hour;
- (b) parts and materials used for such EF Additional Services will be charged at cost plus [REDACTED] mark up, where the parts or materials can reasonably be procured by employees of the Maintainer at Ilford A Maintenance Depot or [REDACTED] otherwise; and
- (c) professional staff costs, if relevant, shall be charged on the basis set out in Appendix 1 (*Schedule of Costs*) to Schedule 10 (*Change Procedure*).

2. Fixed Price EF Additional Services

Items of Work		Labour cost per event (£)	Material cost per event (£)
(A) External damage to Units		[REDACTED]	[REDACTED]
1.	Removal of graffiti and refinish per m ²		
2.	Fill dents and repaint bodyside per m ²		
3.	Remove and renew decals per m ²		
4.	Remove and renew signage per item		
5.	Replacement of a broken windscreen		
6.	Replacement of a broken side light (standard)		
7.	Replacement of a broken side light (emergency)		
8.	Replacement of a broken door glass		
9.	Replacement of damaged headlamp unit		
10.	Replacement of damaged marker/tail light unit		
11.	Replacement of damaged droplight		
12.	Replacement of destination glass		

Items of Work		Labour cost per event (£)	Material cost per event (£)
13.	Replacement of obstacle deflector		
14.	Replacement of Engine V Belt Guard and Stone Guard		
15.	Replacement of Fuel Tank		
16.	Replacement of front lower fairing		
17.	Replacement of passenger bodyside door leaf		
18.	Replacement of passenger door control panel (external)		
19.	Replacement of cab door lead		
20.	Replacement of end coupler, complete		
21.	Replacement of intermediate coupler, complete		
22.	Replace DOO CCTV receiving aerial		
23.	Replace GSM/R voice radio antenna		
24.	Replace GSM/P public radio antenna		
25.	Replacement of bogie mounted lifeguard		
(B) Internal saloon damage			
1.	Replacement of damaged partition glass		
2.	Replacement of damaged seat (complete)		
3.	Replacement of damaged cushion fully trimmed		
4.	Replacement of damaged seat squab fully trimmed		
5.	Replacement of damaged grab pole per item		
6.	Replacement of damaged seat back grab handle		
7.	Replacement of damaged bodyside/end/ceiling panel per item		

Items of Work		Labour cost per event (£)	Material cost per event (£)
8.	Replacement of damaged PIS display unit		
9.	Replacement of damaged CCTV camera unit		
10.	Replacement of damaged advertising display		
11.	Remove and renew signage per item		
12.	Remove and renew anti-graffiti sacrificial film, per m ²		
13.	Removal of graffiti and refinish/repaint surface, per m ²		
14.	Refinish/repaint damaged panel surface, per m ²		
15.	Replacement of damaged floor surface, per m ²		
16.	Replacement of damaged interior lighting module per item		
17.	Replacement of damaged passenger door control panel (internal)		
(C) Internal cab damage			
1.	Replacement of damaged seat (complete)		
2.	Replacement of damaged cushion fully trimmed		
3.	Replacement of damaged seat squab fully trimmed		
4.	Replacement of damaged arm rest		
5.	Replacement of damaged trim panels per item		
6.	Replacement of damaged cup holder (if fitted)		
7.	Remove and renew signage per item		
8.	Refinish/repaint damaged panel surface, per m ²		
9.	Removal of graffiti and refinish/repaint surface, per m ²		

Items of Work		Labour cost per event (£)	Material cost per event (£)
10.	Replacement of damaged floor surface, per m ²		
11.	Replacement of damaged interior lighting module		
12.	Replace sunblind		
13.	Replace TCMS/CCTV screen		
14.	Replace radio/PA handset		

Part D Existing Fleet Performance Regime

1. Indexation of Adjustments

1.1 In this Part D, each of:

- (a) the EF Availability Adjustment;
- (b) the EF Cancellation Adjustment;
- (c) the EF Delay Adjustment;
- (d) the EF Major Incident Adjustment;
- (e) the EF Service Defect Adjustment;
- (f) the EF Cleaning and Aesthetic Condition Adjustment; and
- (g) the EF Performance Monitoring Adjustment,

and any values specified in the provisions of this Part D relating to each such Adjustment;

2. EF Availability Adjustment

- 2.1 The EF Availability Adjustment for a Railway Period shall be the aggregate of £2,500 per Unavailable EF Unit per day (other than where an EF Allowable Failure applies).
- 2.2 The EF Availability Adjustment will be made to the relevant EF Service Payment for each Railway Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*);).
- 2.3 The Maintainer shall use all reasonable endeavours to mitigate the impact of each event giving rise to any Unavailability, whether or not it is an EF Allowable Failure, so that the EF Unit becomes EF Available as soon as possible.
- 2.4 The provisions of paragraph 7 (*Replacement EF Units*) of this Part D shall apply in relation to any Replacement EF Unit that the Maintainer offers for service to replace any EF Unit which is an Unavailable EF Unit.

3. EF Cancellation Adjustment

- 3.1 If an EF Unit suffers a EF Cancellation and is required to be taken out of operation (other than where an EF Allowable Failure applies), a daily EF Cancellation Deduction for each such EF Unit will apply in accordance with the following provisions:
 - (a) where the EF Unit is Fit to EF Run, then the daily EF Cancellation Deduction for that EF Unit shall be £1,250; and
 - (b) where the EF Unit is not Fit to EF Run, then the daily EF Cancellation Deduction for that unit shall be £2,500,

unless, in each case, the EF Unit is repaired or a Replacement EF Unit is provided which is Fit for EF Service and is accepted by the Purchaser in accordance with paragraph 7 of this Part D in which case:

- (c) where the EF Unit or Replacement EF Unit completes a minimum of fifty (50)% but no more than seventy-five (75)% of the total mileage of the relevant EF Diagrams scheduled to be completed by the affected EF Unit on that day, the daily EF Cancellation Deduction for that EF Unit shall be reduced to (i) £1,000 where the EF Unit giving rise to the EF Cancellation Deduction was Fit to EF Run, or (ii) £2,000 where the EF Unit giving rise to the EF Cancellation Deduction was not Fit to EF Run; or
- (d) where the EF Unit or Replacement EF Unit completes seventy-five (75)% or more of the total mileage of the relevant EF Diagrams scheduled to be completed by the affected EF Unit on that day, the daily EF Cancellation Deduction for that EF Unit shall be reduced to (i) £500 where the EF Unit giving rise to the EF Cancellation Deduction was Fit to EF Run, or (ii) £1,000 where the EF Unit giving rise to the EF Cancellation Deduction was not Fit to EF Run.

3.2 The EF Cancellation Adjustment for a Railway Period shall be the aggregate of the daily EF Cancellation Deductions incurred in that Railway Period, and will be made to the relevant EF Service Payment for each Railway Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*).

3.3 The Maintainer shall use all reasonable endeavours to mitigate the impact of the event giving rise to a EF Cancellation, whether or not it is an EF Allowable Failure.

3.4 The provisions of paragraph 7 (*Replacement EF Units*) of this Part D shall apply in relation to any Replacement EF Unit that the Maintainer offers for service on any day to replace any EF Unit that suffers a EF Cancellation.

4. EF Delay Adjustment

4.1 On and from the Existing Fleet Commencement Date until the Existing Fleet Replacement Date, the EF Delay Adjustment for any Railway Period shall be the aggregate of all EF Delay Deductions that are calculated in relation to that Railway Period.

4.2 Each EF Delay Deduction shall be calculated by multiplying all minutes (including partial minutes expressed as a decimal fraction of a minute) of Maintainer EF Minutes Lateness by £60 per minute.

4.3 An EF Delay Adjustment will be made to the relevant EF Service Payment for each Railway Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*).

4.4 The Maintainer shall use all reasonable endeavours to mitigate the impact of any event giving rise to EF Minutes Lateness, whether or not it is an EF Allowable Failure.

5. EF Major Incident Adjustment

- 5.1 The EF Major Incident Adjustment for any Railway Period shall be an amount equal to the number of EF Major Incidents that occur in the relevant Railway Period multiplied by the EF Major Incident Deduction.
- 5.2 An EF Major Incident Adjustment will be made to the relevant EF Service Payment for each Railway Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*).

6. EF Service Defect Adjustment

- 6.1 On and from the Existing Fleet Commencement Date until the Existing Fleet Replacement Date, the EF Service Defect Adjustment for any Railway Period shall be the aggregate of the EF Service Defect Deductions for all EF Units (other than where an EF Allowable Failure applies) that occur during that Railway Period, subject to paragraph 6.3.
- 6.2 The EF Service Defect Adjustment will be made to the relevant EF Service Payment for each Railway Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*).
- 6.3 Where an EF Service Defect exists on an EF Unit (whether existing when the EF Unit was made available at the start of the day or arising during the course of the day) and the Maintainer cures that EF Service Defect to the Purchaser's reasonable satisfaction during the course of the day whilst the EF Unit to which it related is still in service, then the EF ISD shall apply to the relevant EF Service Defect Amount(s) (relating to the EF Service Defect which has been so cured) which shall accordingly be reduced by 50%.
- 6.4 The Maintainer shall use all reasonable endeavours to mitigate the impact of any EF Service Defect and to remedy each EF Service Defect as soon as possible, whether or not it is an EF Allowable Failure.

7. Replacement EF Units

- 7.1 Where an EF Unit is:

- (a) Unavailable on any day; or
- (b) suffers an EF Cancellation,

the Maintainer may subsequently offer to the Purchaser a Replacement EF Unit for service on that day to operate the EF Diagram Leg in respect of which the original EF Unit was Unavailable or EF Cancelled (as appropriate).

- 7.2 Where the Maintainer offers a Replacement EF Unit to the Purchaser for service, the Purchaser may decide in its absolute discretion to:
- (a) accept that Replacement EF Unit to operate/complete the EF Diagram in respect of which the original EF Unit was Unavailable or suffered the EF Cancellation (as appropriate) in which case, the Purchaser shall:

- (i) procure that a driver and requisite train crew attend such Replacement EF Unit at the point agreed for its entry into service; and
- (ii) operate that Replacement EF Unit at the time agreed for entry into service (provided that it is Available at that time as agreed),

in which case the provisions of this Part D shall apply to such Replacement EF Unit; or

- (b) reject that Replacement EF Unit.

8. EF Cleaning and Aesthetic Condition Adjustment

- 8.1 On and from the Existing Fleet Commencement Date until the Existing Fleet Replacement Date, the EF Cleaning and Aesthetic Condition Adjustment for any Railway Period shall be the aggregate of the EF Cleaning and Aesthetic Condition Defect Deductions for all EF Units (other than where an EF Allowable Failure applies) that occur during that Railway Period, subject to paragraph 8.3 of this Part D.
- 8.2 The EF Cleaning and Aesthetic Condition Adjustment will be made to the relevant EF Service Payment for each Railway Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*).
- 8.3 Where a EF Cleaning and Aesthetic Condition Defect exists on an EF Unit at the start of the day and the Maintainer cures that EF Cleaning and Aesthetic Condition Defect to the Purchaser's reasonable satisfaction during the course of the day whilst the EF Unit to which it related is still in service, then the EF ISD shall apply to the relevant EF Cleaning and Aesthetic Condition Defect Amount(s) (relating to the EF Cleaning and Aesthetic Condition Defect which has been so cured) which shall accordingly be reduced by 50%.
- 8.4 The Maintainer shall use all reasonable endeavours to mitigate the impact of any EF Cleaning and Aesthetic Condition Defect and to remedy each EF Cleaning and Aesthetic Condition Defect as soon as possible, whether or not it is an EF Allowable Failure.
- 8.5 On and from the Existing Fleet Commencement Date until the Existing Fleet Replacement Date, the Purchaser may inspect the Maintainer's records and up to 100% of the EF Units in the Existing Fleet in each Railway Period to assess the Maintainer's compliance with paragraphs 5 to 7 inclusive in Part B (*Existing Fleet Maintenance Services*).

9. Performance Monitoring

- 9.1 On and from the Existing Fleet Commencement Date until the Existing Fleet Replacement Date the Maintainer shall, on a daily basis, monitor all EF Failures under this Part D using data obtained from the EF Train Management System and any other reliable and accurate data available to it (including Maintainer and Subcontractor staff) (*EF Data*) and shall accurately record all EF Failures (where it can do so using the EF Data) including EF Allowable Failures (and as far as the Maintainer is aware and where possible, an allocation of responsibility for each EF

Failure), in a daily Maintainer performance record (the *Maintainer EF Daily Performance Record*). The Maintainer EF Daily Performance Record and EF Data shall be provided to the Purchaser no later than 05.00 on the following day in a format or formats to be agreed with the Purchaser.

- 9.2 The Purchaser shall monitor all EF Failures using data obtained from:
- (a) the Network Monitoring System(s);
 - (b) the Operator's Control Room;
 - (c) any information obtained from the Operator's staff (including drivers of the Units);
 - (d) the Maintainer EF Daily Performance Record and EF Data provided by the Maintainer under paragraph 9.1 of this Part D; and
 - (e) other reliable and accurate data available,

and shall detail for that day all EF Failures (including EF Allowable Failures), the reason for each EF Failure, and an allocation of responsibility for each EF Failure in a daily record (the *Purchaser EF Daily Performance Record*). The Purchaser EF Daily Performance Record shall be provided by the Purchaser to the Maintainer by 09.00 on the day after the day following the day to which it relates.

- 9.3 The Purchaser EF Daily Performance Record shall also record on an aggregated and EF Diagram by EF Diagram basis:
- (a) the number of EF Units (or Operational EF Spare Units) on that day that are:
 - (i) EF Available;
 - (ii) Unavailable; and
 - (iii) would have been Unavailable but for an EF Allowable Failure;
 - (b) where any EF Unit is Unavailable on that day:
 - (i) the reason why that EF Unit or Operational EF Spare Unit is Unavailable;
 - (ii) the number of EF Diagram Legs and EF Station Stops comprised in the relevant EF Diagram and the point and time at which that Unavailable EF Unit was scheduled to enter service for the first time on that EF Diagram (or any other EF Diagram agreed with the Maintainer, together, where relevant, with the number of EF Diagram Legs and EF Station Stops comprised in such other EF Diagram agreed with the Maintainer); and
 - (iii) whether any Replacement EF Unit was made available by the Maintainer and accepted by the Purchaser, details of the Unavailable EF Unit which it replaced and the EF Diagram Legs that were operated by the Replacement EF Unit.

- 9.4 The Purchaser EF Daily Performance Record shall:
- (a) record the number of EF Cancellations;
 - (b) make an allocation of EF Cancellations under the terms of this Part D in accordance with the categories below:
 - (i) EF Allowable Failures; and
 - (ii) EF Cancellations the responsibility of the Maintainer; and
 - (c) record whether any Replacement EF Unit was made available by the Maintainer and accepted by the Purchaser, details of the EF Cancellation which it replaced and the EF Diagram Legs that were operated by the Replacement EF Unit.
- 9.5 The Purchaser EF Daily Performance Record shall record the number of EF Delay Incidents and indicate whether they are EF Relevant Delay Incidents, and make an allocation of EF Minutes Lateness per EF Unit in accordance with the categories set out below and shall include a description of each EF Delay Incident including date, time, location and number of EF Minutes Lateness categorised according to the appropriate type of EF Delay Incident as follows:
- (a) EF Allowable Failures;
 - (b) Maintainer EF Minutes Lateness; and
 - (c) EF Minutes Lateness arising from EF Delay Incidents which are not EF Allowable Failures or Maintainer EF Minutes Lateness.
- 9.6 The Purchaser EF Daily Performance Record shall make an allocation of EF Major Incidents per EF Unit in accordance with the categories set out below and shall include a description of each EF Major Incident including date, time, location categorised according to the appropriate type of EF Major Incidents as follows:
- (a) EF Allowable Failures;
 - (b) EF Major Incidents the responsibility of the Maintainer; and
 - (c) EF Service Defects.
- 9.7 The Maintainer and the Purchaser shall work together on a daily basis to seek to establish and agree the cause of Unavailability, EF Cancellations, EF Delay Incidents and EF Major Incidents as the case may be and attribute responsibility for each such event by further investigation as appropriate. If the parties are not able to agree the cause of any Unavailability, EF Cancellations, EF Delay Incidents and EF Major Incidents, as the case may be, each Party shall conduct such further investigations as it shall consider necessary and appropriate and the matter shall be further considered by the Parties on the following day.
- 9.8 If the Parties are still not able to agree the cause of any such Unavailability, EF Cancellations, EF Delay Incidents and EF Major Incidents, the matter shall be

referred to the next Performance Review Meeting for resolution unless otherwise agreed.

- 9.9 If by the end of the Performance Review Meeting the Parties are still not able to agree the cause of the relevant Unavailability, EF Cancellation or EF Delay Incident or EF Major Incident the matter shall be referred to the Dispute Resolution Procedure.
- 9.10 A Performance Review Meeting shall be held each Railway Period following the Existing Fleet Commencement Date until the Existing Fleet Replacement Date (to review the previous Railway Period's performance) and shall be attended at least by the Maintainer Contract Manager and the Purchaser Contract Manager. The standing agenda for the EF Performance Regime aspects of the Performance Review Meeting shall be as follows:
- (a) Minutes of previous meeting;
 - (b) Review of the Maintainer EF Performance Monitoring Report;
 - (c) Reconciliation of Adjustments; and
 - (d) Disputed attributions.
- 9.11 No later than two Working Days following the end of each Railway Period (and prior to the Performance Review Meeting) the Maintainer shall produce the Maintainer EF Performance Monitoring Report for the preceding Railway Period (which shall be based upon and accompanied by the Maintainer EF Daily Performance Record and the Purchaser EF Daily Performance Record for each of the days in that Railway Period and details of any further matters considered or investigated by the parties pursuant to paragraph 9.8 of this Part D) and shall provide a copy to the Purchaser. The Purchaser may refer to the information in the Maintainer EF Performance Monitoring Report in the EF Service Payment Report to be delivered by the Purchaser to the Maintainer pursuant to clause 19.2. The Maintainer shall provide to the Purchaser, within a reasonable time following any request, any additional information and other reports as are reasonably required by the Purchaser.
- 9.12 Subject to paragraph 9.9 of this Part D (and the outcome of any ongoing dispute raised with the Infrastructure Manager with respect to information arising from the Network Monitoring System), the content of the Maintainer EF Performance Monitoring Report shall be agreed at the Performance Review Meeting and such agreed report shall be the source of the factual information regarding the performance of the EF Services for the relevant Railway Period for the purposes of calculating the relevant EF Service Payment and any Adjustments.
- 9.13 If the Maintainer has failed to monitor or accurately to report any matter contained in or accompanying (or which ought to be contained in or accompanying) the Maintainer EF Performance Monitoring Report then, without prejudice to the ability to make Adjustments in respect of that matter in accordance with the provisions of this schedule, an EF Performance Monitoring Deduction for each failure to monitor or report that matter accurately shall accrue. The EF Performance Monitoring Adjustment shall be made to the relevant EF Service Payment for each Railway

Period in accordance with the provisions of paragraph 2.13 of Part C (*Existing Fleet Payment Mechanism*).

10. Overall Cap on adjustments

- 10.1 Adjustments calculated pursuant to this Part D (excluding any Major Incident Adjustments) shall not exceed the Railway Period EF Deductions Cap in any Railway Period.
- 10.2 The EF Major Incident Adjustments shall not exceed [REDACTED] in any Railway Period.
- 10.3 For the avoidance of doubt, the termination provisions set out in clauses 30.1(e), (f) and (g) will not apply in relation to the EF Services or any other part of this Schedule 23.

**Appendix 1 to Part D
Train Facility Failure (EF Service Defects)**

Note A

Where the column "EF Service Defect Amount" indicates "Note A" this means that, in relation to the EF Vehicles on any EF Unit:

- if the failure or defect occurs in 1 Vehicle, £150 per EF Vehicle for all affected EF Vehicles;
- if the failure or defect occurs in 2 to 3 Vehicles, £300 per EF Vehicle for all affected EF Vehicles; and
- if the failure or defect occurs in 4 or more Vehicles, £500 per EF Vehicle for all affected EF Vehicles.

General note

EF Service Defect detection will be in accordance with the method or methods appropriate in the circumstances, using any available data as referred to in paragraph 9 of this Part D.

	EF Service Defect category	EF Service Defect	EF Service Defect Amount (per day)
1.	Passenger area HVAC	In an EF Vehicle, fault on system and unable to regulate the saloon temperature.	Note A
2.	Passenger information system (PIS)	In an EF Vehicle, audio broadcast from more than 50% of the broadcast equipment mute (1), unintelligible or of a not fit for purpose quality.	Note A
3.		An internal destination or service information display inactive or the quality of displayed information not fit for purpose.	£50 per display

	EF Service Defect category	EF Service Defect	EF Service Defect Amount (per day)
4.		In an EF Vehicle, all internal destination or service information displays inactive (1) or the quality of none of the displayed information fit for purpose.	Note A
5.		An external destination display inactive or the displayed information of a not fit for purpose quality.	£50 per display
6.		In an EF Vehicle, all external destination displays inactive (1) or the quality of none of the displayed information fit for purpose.	Note A
7.		On a Unit, no cab to cab communication or quality of cab to cab communication not fit for purpose.	£200
8.		In a Unit, inability to remotely broadcast live audio or visual messages from the Operator Control Room	£200
9.		In a Unit, inability to remotely download to the Unit PIS audio and visual databases.	£200
10.		In a Unit, incorrect audio or visual destination or service information being displayed at any point in the journey due to corrupted or wrong version of PIS programming.	£200
11.	CCTV	In a cab, failure of the forward facing CCTV system to record, or recorded image quality not fit for purpose.	£200
12.		In an EF Vehicle, failure of the saloon CCTV system to record, or recorded image quality not fit for purpose.	Note A
13.		In an EF Vehicle, an inability to view in the driving cab a live saloon CCTV image from two or more cameras.	Note A

	EF Service Defect category	EF Service Defect	EF Service Defect Amount (per day)
14.	Exterior passenger doors	A passenger door locked out of use.	£200 per door for 1-2 doors in a Unit locked out of use £400 per door for 3-5 doors in a Unit locked out of use £600 per door for 6 or more doors in a Unit locked out of use
16.		At a door, 'hustle' alarms not functioning.	£100 per door
17.		At a door, internal or external 'Door Out of Use' signs not working.	£100 per door
19.	Interior lighting	In an EF Vehicle, loss of more than 10% of lighting.	Note A
20.	Energy consumption	In a Unit, inability to retrieve fuel consumption data or data inaccurate or corrupted.	£200
21.	Noise and Vibration in the passenger areas	In an EF Vehicle, excessive equipment noise or vibration.	Note A
22.	Cab	In a cab, a cup holder or coat hook or illuminated clip board missing or defective.	£50 per missing or defective item
23.		In a cab, fault on system and unable to regulate the saloon temperature or excessive equipment noise or vibration.	£200
24.		In a cab, inability to record defects via the cab touch-screen.	£200
25.		In a cab, a portable electronic device charging point defective.	£100 per charging point
26.	Passenger load measurement	In a Unit, failure to present Vehicle passenger loading data for all Vehicles in the Unit or data inaccurate or corrupted.	£200

	EF Service Defect category	EF Service Defect	EF Service Defect Amount (per day)
27.	On-train condition monitoring	In a Unit, failure to present system health status information, or information not fit for purpose.	£200

Appendix 2 to Part D
EF Cleaning and Aesthetic Condition Defects

	<u>Category</u>	<u>EF Cleaning and Aesthetic Condition Defect</u>	<u>EF Cleaning and Aesthetic Condition Defect Amount</u>
1.	Aesthetic Exam	An EF Vehicle has not received an Aesthetic Exam or has not achieved the EF Aesthetic Exam Benchmark, in accordance with paragraph 7 of Part B (<i>Existing Fleet Maintenance Services</i>).	£150 per EF Vehicle
2.	Train Wash	The Operator could not gain access to suitable and functioning carriage wash facilities at the Willesden Depot for part (or all) of a day as a result of a breach by the Maintainer of its obligation under paragraph 6.2 of Part B (<i>Existing Fleet Maintenance Services</i>).	£2,000 per day or part thereof
3.	Exterior Heavy Clean	An EF Vehicle has not received an Exterior Heavy Clean, or has not achieved the EF Exterior Heavy Clean Benchmark, in accordance with paragraph 6.1 of Part B (<i>Existing Fleet Maintenance Services</i>).	£150 per EF Vehicle

**Schedule 24
Extension Option**

1. Definitions

1.1 The following terms used in this schedule shall have the following meanings:

Initial Expiry Date means the date falling 35 years after Acceptance of the first Unit;

TSA Extension has the meaning given to it in paragraph 3.2 of this Schedule 24;

TSA Proposal has the meaning given to it in paragraph 4.1 of this Schedule 24; and

TSSSA Extension has the meaning given to it in paragraph 3.3 of this Schedule 24.

2. Grant of Option

The Maintainer grants the Purchaser an option to extend the duration of this Agreement on the basis set out in this Schedule 24 which the Purchaser may exercise by giving notice not less than nine months prior to the Initial Expiry Date. The notice shall extend the Duration by not less than one year and not more than five years after the Initial Expiry Date.

3. Basis of Extension

3.1 In the notice given under paragraph 2 (*Grant of Option*), the Purchaser shall indicate whether the extension will be a TSA Extension or a TSSSA Extension.

3.2 A *TSA Extension* will be an extension to the Duration where all provisions relating to maintenance of the Units and the Willesden Depot continue, including the provisions of Schedule 1 (*Maintenance Services*), save that:

- (a) the provisions of the Performance Regime shall not apply; and
- (b) clause 19.1 shall not apply and payment shall be in accordance with paragraph 4 (*Payment for TSA Extension*) below.

3.3 A *TSSSA Extension* shall be an extension whereby there is a change to allocation of the maintenance and operational responsibilities between the Parties or if a TSSSA Change has already been implemented pursuant to this Agreement a continuation of those arrangements.

4. Payment for TSA Extension

4.1 Where the notice given by the Purchaser under paragraph 2 (*Grant of Option*) is for a TSA Extension, the Maintainer shall within 28 days of receipt of the notice provide the Purchaser with a proposal (the *TSA Proposal*) which shall contain:

- (a) the Maintainer's assessment of the price for the TSA Extension which shall be based on the following principles:
 - (i) it shall be based on the premise that it contains amounts payable to the actual providers of maintenance services;
 - (ii) it shall take account of relevant information derived from the Base Case Maintenance Model in respect of maintenance costs;

- (iii) it shall take account of actual costs for similar services being provided in other parts of the rail industry;
 - (iv) it shall be fair and reasonable in all respects;
 - (v) it shall take account of the pricing of Additional Services; and
 - (vi) it shall as far as possible seek to minimise costs to the Purchaser; and
- (b) any other amendments which are reasonably required to the Agreement to deal with the TSA Extension.
- 4.2 The Parties shall seek to agree any of the matters set out in paragraph 4.1 within five Working Days of receipt of the TSA Proposal. Where the Parties are unable to agree such matters, either Party may refer the matter to the Dispute Resolution Procedure for determination.
- 4.3 Where the Parties have agreed the matters referred to in paragraph 4.1 or they have been determined in accordance with paragraph 4.2, those matters shall be recorded in writing within five Working Days of such agreement or determination.

5. Payment for TSSSA Extension

Where the notice is for a TSSSA Extension the provisions of clause 27 (*Technical Support and Spare Supply*) and Schedule 22 (*Technical Support and Spare Supply*) shall apply as though the TSSSA Extension were a TSSSA Change.

