

Annex D (Pricing & Rates) - Table 4: ML 3 & 4 Maintenance					
ITEM No	ACTIVITY	Time between occurrences [Months]	YEAR 1 FY 23/24 FIRM Price (ex VAT)	YEAR 2 FY 24/25 FIRM Price (ex VAT)	YEAR 3 FY 25/26 FIRM Price (ex VAT)
1	<p>Calender Based Planned Craft Maintenance (ML 3 & 4) for UK Based Craft The Tenderer is to provide a list of all ML 3 & ML 4 craft maintenance as detailed in the Book of Reference. The price below shall cover all man-hours and spares (as detailed in the Volume of Spares) required to conduct the ML 3 & ML 4 calender based maintenance and shall be a firm rate, i.e. not subject to variation in any respect, and shall be inclusive of all allowances, overtime, overheads, sub-contractor costs and profit.</p> <p>The Craft is defined as Boat, trailers, cradles, engines and on-board ancillaries.</p> <p>Maintenance Level 3 (ML 3) - Maintenance activities undertaken at maintenance contractors facilities (deep repairs, stripping boat right down, stripping engine down)</p> <p>Maintenance Level 4 (ML 4) - Maintenance activities at Original Equipment Manufacturer (OEM) facilities</p> <p>The information provided should align with that provided in IEC - TS 9.1 - Maintenance Schedule</p> <p>Annualised Total for Calender Based Maintenance (per craft). Covers craft where the consignee is at HMNB Clyde, HMNB Portsmouth or HMNB Devonport</p>				
1.1	Boat - Tube collar - clean with fresh soapy water allow to dry then clean with ethyl acetate, inspect and conduct 24hr air loss test. Disassemble and service all valves, replace seals, springs. Check tube connection rails for damage. Inspect and replace hatch seals, gaskets and O rings as required. Visually inspect all lifting points for corrosion and damage. Visual inspection of all tow U bolts. Visual inspection of all lashing points for equipment. Milpro seats - Change the seat base seal and the seat retention clips on the sea base. Carry out the air spring air sleeve maintenance procedure (see fox float 3) - 1hr Per seat. Cabin and console - Change the seals (flat and O-rings). Change the lock seals and their nylock nut. Tow posts - Visual verification by a specialist (no deformation, rust, damage, holes or cut/nick), change fixing screws. Deck tracks - Visual verification by a specialist (no deformation, rust, damage, holes or cut/nick). Spartan console - visual inspection for damage, corrosion or wear. Fuel vents - Exchange of all hoses, all pipes, hose clamps and strainer, replacement of the filter cartridges of the decanter filter and cleaning of the decanter jars. Exchange purge screw joint. Replacement of filling cap seals. Replacement of overflow plug and safety cable. Electrical - visual inspect all wiring, check batteries for function and are securely fitted. Connection Bars, Fuses and Circuit Breakers - Replace all fuses, check the circuit breakers, clean the connection bars. Bilge pumps - Clean and check the operation of all electric and manual pumps (in ON and AUTO operation). Navigation lights, Fog Horn, Wiper Blades, Windscreen, Windscreen Washer, Special Lights, Search Lights, ETC - Check for functionality, Exchange the wiper blades, inspect all lights. Electronic Equipment (GPS, VHF, UHF, Depth Sounder, AIS, etc) - Check for updates, check operation, check fastenings of antennas etc. Steering system - Change the hydraulic oil, check condition and operation of the system.	12	REDACTED	REDACTED	REDACTED
1.2	Boats - Replace batteries	24	REDACTED	REDACTED	REDACTED
1.3	Engine - Full strip and survey including evaluation and report	60	REDACTED	REDACTED	REDACTED
1.4	Trailer / Cradles - Check all connections between prime mover and trailer. Check all tyres for damage and inflated to the correct pressure. Check wheel nuts for correct fitting. Check electrical connection socket is undamaged and serviceable. Check all lights, reflectors and trailer board for damage and function. Drain air brake reserves. Check brake operation and function. When used for dipping, post immersion flush the brake drums and wash off the trailer with fresh clean water. Check snorkel system is undamaged and serviceable. Check load sensing device is free to move, undamaged and serviceable. Drain snorkel reservoir. Check lateral protection system is intact and that all lanyards are fitted. Check towing eye for damage or cracks. Check air systems for leaks and damage to pipes and hoses. Check reflective tape for defects and serviceability. Check trailer support legs for defects and serviceability. Check trailer jockey wheels for defects and serviceability. Check spray suppression and wheel arches for defects and serviceability. Check all hull supports, bunks and adaptors for damage and serviceability. Check draw bar for damage and serviceability. Check all nut and bolts. Check spring U bolts are to the correct torque. Check road wheels and hubs. Check size and type of tyres. Check trailer framework for damage and defects. Check suspension for defects and serviceability. Check brake system and components for defects and serviceability. Check and lubricate camshafts, slack adjusters and brake linkage. Check brake adjustment and inspect for wear. Clean, inspect and lubricate brake assembly anchor pins and linkages etc. Cradle - Strip and clean all bolts, inspect hull support bunks and pads for damage and replace as required.	6	REDACTED	REDACTED	REDACTED
1.5	Trailer / Cradles - Check all connections between prime mover and trailer. Check all tyres for damage and inflated to the correct pressure. Check wheel nuts for correct fitting. Check electrical connection socket is undamaged and serviceable. Check all lights, reflectors and trailer board for damage and function. Drain air brake reserves. Check brake operation and function. When used for dipping, post immersion flush the brake drums and wash off the trailer with fresh clean water. Check snorkel system is undamaged and serviceable. Check load sensing device is free to move, undamaged and serviceable. Drain snorkel reservoir. Check lateral protection system is intact and that all lanyards are fitted. Check towing eye for damage or cracks. Check air systems for leaks and damage to pipes and hoses. Check reflective tape for defects and serviceability. Check trailer support legs for defects and serviceability. Check trailer jockey wheels for defects and serviceability. Check spray suppression and wheel arches for defects and serviceability. Check draw bar for damage and serviceability. Check all nut and bolts. Check spring U bolts are to the correct torque. Check road wheels and hubs. Check size and type of tyres. Check trailer framework for damage and defects. Check suspension for defects and serviceability. Check brake system and components for defects and serviceability. Check and lubricate camshafts, slack adjusters and brake linkage. Check brake adjustment and inspect for wear. Clean, inspect and lubricate brake assembly anchor pins and linkages etc.	12	REDACTED	REDACTED	REDACTED
1.6					
1.7					

1.8					
1.9					
1.10					
ITEM No	ACTIVITY	Time between occurrences [Hours]	YEAR 1 FY 23/24 FIRM Price (ex VAT)	YEAR 2 FY 24/25 FIRM Price (ex VAT)	YEAR 3 FY 25/26 FIRM Price (ex VAT)
2	<p>Hours Based Planned Craft Maintenance (ML 3 & 4) for UK Based Craft. The Tenderer is to provide a list of all ML 3 & ML 4 craft maintenance as detailed in the Book of Reference. The price below shall cover all man-hours and spares (as detailed in the Volume of Spares) required to conduct the ML 3 & ML 4 hours based maintenance and shall be a firm rate, i.e. not subject to variation in any respect, and shall be inclusive of all allowances, overtime, overheads, sub-contractor costs and profit. <i>For calculation purposes the Authority has assumed 1000 hours usage per craft per year.</i></p> <p>The Craft is defined as Boat, engines and on-board ancillaries</p> <p>Maintenance Level 3 (ML 3) - Maintenance activities undertaken at maintenance contractors facilities (deep repairs, stripping boat right down, stripping engine down)</p> <p>Maintenance Level 4 (ML 4) - Maintenance activities at Original Equipment Manufacturer (OEM) facilities</p> <p>The information provided should align with that provided in IEC - TS 9.1 - Maintenance Schedule</p>				
	Annualised Total for Hours Based Maintenance (per craft). Covers craft where the consignee is at HMNB Clyde, HMNB Portsmouth or HMNB Devonport		REDACTED	REDACTED	REDACTED
2.1	Engines Under warranty for first 2 years - 100 hours - Inspect the exhaust water strainer. Change engine oil and replace the oil filters. Check the engine mounted water separating low pressure fuel filter for water of contaminants. Remove the propeller and lubricate the propeller shaft. Inspect the thermostat for corrosion or damaged spring. Check engine mounting bolts for correct torque. Check corrosion control anodes. Drain and replace gear case lubricant. Inspect batteries and fittings. Remove and inspect spark plugs. Add Quicklee to the fuel tank.	100	REDACTED	REDACTED	REDACTED
2.2	Engines under warranty for first 2 years - 300 hours - Check power trim fluid. Replace water pump impeller. Lubricate upper spline on the drive shaft. Check wiring and connectors. Replace alternator drive belt. Replace spark plugs	300	REDACTED	REDACTED	REDACTED
2.3					
2.4					
2.5					
2.6					
2.7					
2.8					
2.9					
2.10					

Annex D (Pricing & Rates) - Table 5: Consumable Spares														
Item	IMC	NATO Stock Number	Description	OEM	OEM's Part Number	D of Q	Estimated Useage Rate per Craft per Year	Delivery Timescale (Weeks)	YEAR 1 FY 23/24 FIRM Price (ex VAT)		YEAR 2 FY 24/25 FIRM Price (ex VAT)		YEAR 3 FY 25/26 FIRM Price (ex VAT)	
									Price	Total Price	Price	Total Price	Price	Total Price
Consumable Spares: The Tenderer should provide a list of all consumable spares detailed in the Volume of Spares that have not already been included in Table 3 - ML 1 & 2 Spares in support of 1 x Craft. This should cover as a minimum any item that is lifed, likely to degrade over time, or may become defective. This shall be a firm rate, i.e. not subject to variation in any respect, and shall be inclusive of all allowances, overtime, overheads, sub-contractor costs and profit. <i>The estimated useage rate should be calculated on each craft operating 1000 hours per year.</i>														
The Craft is defined as Boat, trailers, cradles, engines and on-board ancillaries.														
Consumable Spare is defined as any spare that has a lead time of less than 6 weeks and/or a value of less than £5,000.														
Annualised Total value of Consumable Spares (per craft)									REDACTED		REDACTED		REDACTED	
1			Radar Reflector	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
2			Towing line	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
3			Ethyl Acetate 5L	ZMI	ZMI	EA	12	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
4			Zinc anode 110x65x20 0.98KG	ZMI	ZMI	EA	2	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
5			Zinc anode 318X65X32 2.4KG	ZMI	ZMI	EA	2	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
6			100 hour service kit	Mercury	Mercury	KT	10	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
7			300 hour service kit	Mercury	Mercury	KT	3	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
8			10L gear oil	Mercury	Mercury	EA	10	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
9			4L engine oil	Mercury	Mercury	EA	10	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
10			Propeller hub kit	Mercury	Mercury	KT	0.5	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
11			Water pump impeller	Mercury	Mercury	EA	0.5	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
12			Starter motor	Mercury	Mercury	EA	0.5	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
13			Alternator	Mercury	Mercury	EA	0.5	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
14			Alternator belt	Mercury	Mercury	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
15			Propeller (RH 19" Enertia)	Mercury	Mercury	EA	0.5	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
16			Spark plug	Mercury	Mercury	EA	2	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
17			Power steering fluid 0W-30	Mercury	Mercury	EA	10	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
18			Inflate / Deflate valve cap (x2)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
19			Inflate / Deflate valve repair kit (x5)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
20			Screen mesh plug for A6 valve (x5)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
21			Fuse ATC 3A (x4)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
22			Fuse ATC 7.5A (x2)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
23			Fuse ATO - ATC 10A	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
24			Fuse ATO - ATC 15A	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
25			Fuse ATO - ATC 5A (x3)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
26			Fire Extinguisher 2kg CO2	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
27			Fire Extinguisher 6kg CO2	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
28			Rubber seal	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
29			Wiper blades (x2)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
30			Repair kit	ZMI	ZMI	KT	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
31			Double stage foot pump	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
32			Bellow hose 3891/2907	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
33			Patch-N-Go repair kit (x5)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
34			Paddle	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
35			Pressure indicator 0-9 PSI	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
36			Pumice stone (x10)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
37			Spatula blunt edged metal	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
38			Measuring cup (x5)	ZMI	ZMI	PK	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
39			1670 dtx blue fabric Blue per m	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
40			12v Bilge pump	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
41			Fuel filter	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
42			Fuel filler	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
43			MILPRO seat front handle BLACK	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
44			Rescue buoy	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
45			Battery 12v	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
46			Onboard tools	ZMI	ZMI	KT	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
47			Mooring line 7m	ZMI	ZMI	EA	1	6	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED