

ANNEXURE B2

TITLE/BOQ: THE SERVICING, SUPPLY, MAINTENANCE, REPAIRS, INSPECTION AND CERTIFICATION OF LIFE RAFTS, DAVIT CRANE AND RESCUE CRAFTS, LIFE BUOYS, CREWSAVER LIFE JACKETS, SAFETY SIGNAGE, AND PYROTECHNICS ON-BOARD MARINE CRAFTS FOR THREE (3) YEARS.



1. BILL OF QUANTITIES

SECTION A3: SERVICE REQUIREMENTS – MARINE CRAFT
SECTION B3.1: EQUIPMENT LIST PILOT BOATS
SECTION B3.2: EQUIPMENT LIST TUGS
SECTION B3.3: EQUIPMENT LIST WORK BOAT
SECTION B3.4: EQUIPMENT LIST LAUNCH
SECTION C3: SERVICE RATES

SECTION A3: SERVICE REQUIREMENTS – MARINE CRAFT		
Item no	Description	Unit Measure
1	PILOT BOAT	
	Servicing, Maintenance, Repairs, Inspection and Certification of Life rafts, Crewsaver Life jackets, Jason Cradle, Safety Signage,	Annually
2	TUGS	
	Servicing, Maintenance, Repairs, Inspection and Certification of Life rafts, Rescue craft, Rescue craft motor, Davit cranes,	Annually
3	WORK BOAT	
	Servicing, Maintenance, Repairs, Inspection and Certification of Life rafts, Crewsaver Life jackets, Jason cradle, Safety Signage,	Annually
4	LAUNCHES	
	Servicing, Maintenance, Repairs, Inspection and Certification of Life rafts, Crewsaver Life jackets, Jason cradle, and	Annually
5	AD HOC ORIENTATION OF TNPA EMPLOYEES	
	Ad Hoc orientation of identified Staff on the functioning and Safe operation of Pyrotechnic, life rafts, Davit crane and Rescue boat, Safety Signage, and Life Buoys.	As required

SECTION B3: EQUIPMENT LIST EASTERN REGION
SECTION B3.1: EQUIPMENT LIST PILOT BOAT

ITEM	DESCRIPTION	Quantity	Price per Unit	Total
3.1.1	Pyrotechnics			
3.1.1.1	Hand held flares , conforms to SOLAS 74/88 as amended, length 175mm, diameter 28mm, colour red, light intensity 15000 candela, burning time 60 sec	1		
3.1.1.2	Line throwing apparatus . A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. To comply with SOLAS requirements, four complete rocket and line assemblies (Art. No. 9160400) should be carried on board. The device has a throwing range of between 230m and 250m. A solid propellant is used which guarantees a highly accurate flight path even in strong sidewinds. Dimensions L 125 x Ø 42 mm. Approved by SOLAS 74/88 as amended and South African Maritime Authority	1		
3.1.1.3	Line throwing cartridges , Spare rocket for line-thrower device,	1		
3.1.1.4	Hydrostatic release units for liferafts. Release depth 1,5 -4,0 m, USCG/EU.Yellow Top Label: 1,5 - 4,0 meters (SOLAS).Breaking strenght: 2,2 ± 0,4 kN.The operational life on board the ship is 2 years (24 months). Approved by SOLAS 74 Convention	1		
3.1.1.5	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape Light attachment. SOLAS approved.Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour) 4 D-Cell 1.5V alkaline batteries are required (not included in the package).	1		
3.1.1.6	Life rings without lights Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority	1		
3.1.1.7	Rocket parachute flares conforms to SOLAS 74/88 as amended, 300 m (1000 ft.), burning for 40 seconds at 30,000 candela,IMO Resolution 96/98/EC. SBG 425.005 and USCG	1		
3.1.1.8	Buoyant smoke signal conforms to SOLAS 74/88 as amended MK9 colour orange, height 100mm, diameter 84mm, burning time 3 minutes minimum,ignitor with 2 seconds delay,	1		
3.1.2	Safety Signage			
3.1.2.1	150mm x 150 mm stickers	1		
3.1.3	Life buoys			
3.1.3.1	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape. Light attachment. SOLAS approved.Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour) 4 D-Cell 1.5V alkaline batteries are required (not included in the package).	1		
3.1.3.2	Life rings without lights Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority	1		
3.1.4	Life jackets			
3.1.4.1	adults >32kg SOLAS, SAMSAband SABS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange,	1		
3.1.4.2	Children<32kg SOLAS, SAMSA and SBS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange	1		
3.1.5	Life Rafts			
3.1.5.1	20 Man liferaft 20DK+, throw overboard (20 pers.)	1		
3.1.5.2	10 Man liferaft, 10DK+, throw overboard (10 pers.)	1		
3.1.6	Jason Cradle			
3.1.6.1	Jason cradle new, MOB Jason's Cradle, suitable for 2m to 2.5m freeboard	1		
3.1.7	Crewsaver lifejackets			
3.1.7.1	Crewsaver Lifejacket (new) Fitted with lifting strap, crotch strap, whistle and strap for light, Double buoyancy chamber in high visibility yellow with retro-reflective tape, colour red, Water activated (W4) or manually operated light	1		
Sub-Total for SECTION B3.1: EQUIPMENT LIST PILOT BOAT carried to Final Summary				

SECTION B3.2: EQUIPMENT LIST TUG			
3.2.1	Flares		
3.2.1.1	Hand held flares. conforms to SOLAS 74/88 as amended, length 175mm, diameter 28mm, colour red, light intensity 15000 candela, burning time 60 sec	1	
3.2.1.2	Line throwing apparatus. A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. To comply with SOLAS requirements, four complete rocket and line assemblies (Art. No. 9160400) should be carried on board. The device has a throwing range of between 230m and 250m. A solid propellant is used which guarantees a highly accurate flight path even in strong sidewinds. Dimensions L 125 x Ø 42 mm. Approved by SOLAS 74/88 as amended and South African Maritime Authority	1	
3.2.1.3	Line throwing cartridges, Spare rocket for line-thrower device,	1	
3.2.1.4	Hydrostatic release units for liferafts. Release depth 1,5 -4,0 m, USCG/EU.Yellow Top Label: 1,5 - 4,0 meters (SOLAS).Breaking strenght: 2,2 ± 0,4 kN.The operational life on board the ship is 2 years (24 months). Approved by SOLAS 74 Convention	1	
3.2.1.5	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape Light attachment. SOLAS approved.Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour) 4 D-Cell 1.5V alkaline batteries are required (not included in the package).	1	
3.2.1.6	Life rings without lights. Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority	1	
3.2.1.7	Rocket parachute flares conforms to SOLAS 74/88 as amended, 300 m (1000 ft.), burning for 40 seconds at 30,000 candela,IMO Resolution 96/98/EC. SBG 425.005 and USCG	1	
3.2.1.8	Buoyant smoke signal conforms to SOLAS 74/88 as amended MK9 colour orange, height 100mm, diameter 84mm, burning time 3 minutes minimum,ignitor with 2 seconds delay,	1	
3.2.2	Safety Signage		
3.2.2.1	150mm x 150 mm stickers	1	
3.2.3	Life buoys		
3.2.3.1	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape	1	
3.2.3.2	Life rings without lights. Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority	1	
3.2.4	Life jackets		
3.2.4.1	adults >32kg SOLAS, SAMSAband SABS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange,	1	
3.2.4.2	Children<32kg SOLAS, SAMSAs and SBS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange	1	
3.2.5	Life Rafts		
3.2.5.1	20 Man liferaft 20DK+, throw overboard (20 pers.)	1	
3.2.5.2	10 Man liferaft, 10DK+, throw overboard (10 pers.)	1	
3.2.6	Jason Cradle		
3.2.6.1	Jason cradle new, MOB Jason's Cradle, suitable for 2m to 2.5m freeboard	1	
3.2.7	Crewsaver lifejackets		
3.2.7.1	Crewsaver Lifejacket (new) Fitted with lifting strap, crotch strap, whistle and strap for light, Double buoyancy chamber in high visibility yellow with retro-reflective tape, colour red, Water activated (W4) or manually operated light	1	
3.2.8	Rescue Boat		
3.2.8.1	Bouyant Oars with thole-pins or crutches, o paddles	1	
3.2.8.2	Bailer	1	
3.2.8.3	Sponges	1	
3.2.8.4	Sea Anchor (>10m) and tripping line	1	
3.2.8.5	Bouyant rescue quoits (>10m)	1	
3.2.8.6	waterproof torch,spare batteries and light bulb	1	
3.2.8.7	Bouyant Safety Knife	1	
3.2.8.8	Whistle or equivalent sound signal	1	
3.2.8.9	Repair Kit	1	
3.2.8.10	First Aid Kit	1	
3.2.8.11	Survival Blankets (min)	1	
3.2.8.12	Red hand-held Flares (red)	1	
3.2.8.13	Bouyant Distress Smoke signals (orange)	1	
3.2.8.14	Parachute Distress Rockets (red)	1	
3.2.8.15	Safety Boat Hook	1	
3.2.8.16	Bellows or Pump	1	
Sub-Total for SECTION B3.2: EQUIPMENT LIST WORK BOAT carried to Final Summary			

SECTION B3.3: EQUIPMENT LIST WORK BOAT				
3.3.1	Flares			
3.3.1.1	Hand held flares. conforms to SOLAS 74/88 as amended, length 175mm, diameter 28mm, colour red, light intensity 15000 candela, burning time 60 sec	1		
3.3.1.2	Line throwing apparatus. A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. To comply with SOLAS requirements, four complete rocket and line assemblies (Art. No. 9160400) should be carried on board. The device has a throwing range of between 230m and 250m. A solid propellant is used which guarantees a highly accurate flight path even in strong sidewinds. Dimensions L 125 x Ø 42 mm. Approved by SOLAS 74/88 as amended and South African Maritime Authority	1		
3.3.1.3	Line throwing cartridges, Spare rocket for line-thrower device,	1		
3.3.1.4	Hydrostatic release units for liferafts. Release depth 1,5 -4,0 m, USCG/EU.Yellow Top Label: 1,5 - 4,0 meters (SOLAS).Breaking strenght: 2,2 ± 0,4 kN.The operational life on board the ship is 2 years (24 months). Approved by SOLAS 74 Convention	1		
3.3.1.5	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape Light attachment. SOLAS approved.Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour) 4 D-Cell 1.5V alkaline batteries are required (not included in the package).	1		
3.3.1.6	Life rings without lights. Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority.	1		
3.3.1.7	Rocket parachute flares conforms to SOLAS 74/88 as amended, 300 m (1000 ft.), burning for 40 seconds at 30,000 candela,IMO Resolution 96/98/EC. SBG 425.005 and USCG	1		
3.3.1.8	Buoyant smoke signal conforms to SOLAS 74/88 as amended MK9 colour orange, height 100mm, diameter 84mm, burning time 3 minutes minimum,ignitor with 2 seconds delay,	1		
3.3.2	Safety Signage			
3.3.2.1	150mm x 150 mm stickers	1		
3.3.3	Life buoys			
3.3.3.1	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape Light attachment. SOLAS approved.Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour) 4 D-Cell 1.5V alkaline batteries are required (not included in the package).	1		
3.3.3.2	Life rings without lights. Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority	1		
3.3.4	Life jackets			
3.3.4.1	adults >32kg SOLAS, SAMSAband SABS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange,	1		
3.3.4.2	Children <32kg SOLAS, SAMS and SBS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange	1		
3.3.5	Life Rafts			
3.3.5.1	20 Man liferaft 20DK+, throw overboard (20 pers.)	1		
3.3.5.2	10 Man liferaft, 10DK+, throw overboard (10 pers.)	1		
3.3.6	Jason Cradle			
3.3.6.1	Jason cradle new, MOB Jason's Cradle, suitable for 2m to 2.5m freeboard	1		
3.3.7	Crewsaver lifejackets			
3.3.7.1	Crewsaver Lifejacket (new) Fitted with lifting strap, crotch strap, whistle and strap for light, Double buoyancy chamber in high visibility yellow with retro-reflective tape, colour red, Water activated (W4) or manually operated light	1		
Sub-Total for SECTION B3.3: EQUIPMENT LIST WORK BOAT carried to Final Summary				

SECTION B3.4: EQUIPMENT LIST LAUNCHES			
3.4.1	Flares		
3.4.1.1	Hand held flares. conforms to SOLAS 74/88 as amended, length 175mm, diameter 28mm, colour red, light intensity 15000 candela, burning time 60 sec	1	
3.4.1.2	Line throwing apparatus. A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. To comply with SOLAS requirements, four complete rocket and line assemblies (Art. No. 9160400) should be carried on board. The device has a throwing range of between 230m and 250m. A solid propellant is used which guarantees a highly accurate flight path even in strong sidewinds. Dimensions L 125 x Ø 42 mm. Approved by SOLAS 74/88 as amended and South African Maritime Authority	1	
3.4.1.3	Line throwing cartridges	1	
3.4.1.4	Hydrostatic release units for liferafts. Release depth 1,5 -4,0 m, USCG/EU.Yellow Top Label: 1,5 - 4,0 meters (SOLAS).Breaking strenght: 2,2 ± 0,4 kN.The operational life on board the ship is 2 years (24 months). Approved by SOLAS 74 Convention	1	
3.4.1.5	Line throwing cartridges, Spare rocket for line-thrower device,	1	
3.4.1.6	Life rings without lights. Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority	1	
3.4.1.7	Rocket parachute flares conforms to SOLAS 74/88 as amended, 300 m (1000 ft.), burning for 40 seconds at 30,000 candela,IMO Resolution 96/98/EC. SBG 425.005 and USCG	1	
3.4.1.8	Buoyant smoke signal conforms to SOLAS 74/88 as amended MK9 colour orange, height 100mm, diameter 84mm, burning time 3 minutes minimum,ignitor with 2 seconds delay,	1	
3.4.2	Safety Signage		
3.4.2.1	150mm x 150 mm stickers	1	
3.4.3	Life buoys		
3.4.3.1	Life rings with lights (2.5kg).Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority, fitted with 27m line, Beckett Lines and Reflective Tape	1	
3.4.3.2	Life rings without lights. Lifebuoy ring is designed for both commercial and recreational use. It features an orange, rack hard, cross – linked polyethylene outer shell that will not deteriorate. Its construction permits it to remain unharmed no matter the weather conditions. Lifebuoy ring is approved by SOLAS (L.S.A Code) and South African Maritime Authority. Light attachment. SOLAS approved.Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour) 4 D-Cell 1.5V alkaline batteries are required (not included in the package).	1	
3.4.4	Life jackets		
3.4.4.1	adults >32kg SOLAS, SAMSA and SABS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange,	1	
3.4.4.2	Children<32kg SOLAS, SAMSA and SABS approved Whistle, buddy line, lifting strap and choice of emergency light, colour orange	1	
3.4.5	Life Rafts		
3.4.5.1	20 Man liferaft 20DK+, throw overboard (20 pers.)	1	
3.4.5.2	10 Man liferaft, 10DK+, throw overboard (10 pers.)	1	
3.4.6	Jason Cradle		
3.4.6.1	Jason cradle new, MOB Jason's Cradle, suitable for 2m to 2.5m freeboard	1	
3.4.7	Crewsaver lifejackets		
3.4.7.1	Crewsaver Lifejacket (new) Fitted with lifting strap, crotch strap, whistle and strap for light, Double buoyancy chamber in high visibility yellow with retro-reflective tape, colour red, Water activated (W4) or manually operated light	1	
Sub-Total for SECTION B3.4: EQUIPMENT LIST LAUNCHES carried to Final Summary			

SECTION C3: SERVICE RATES EASTERN REGION

SECTION C3.1: Annual life raft service

Port	Vessel	Quantity	Cost Per unit	Total
Richards Bay C3.1.1				
C3.1.1.1	Ukhozi (tug)	1		
C3.1.1.2	Uilani(tug)	1		
C3.1.1.3	Iphotwe(tug)	1		
C3.1.1.4	Indlazi(tug)	1		
C3.1.1.5	Uhuva(tug)	1		
C3.1.1.6	Jojos(pilot)	1		
C3.1.1.7	Swift Tern(work)	1		
C3.1.1.8	Adhoc vessel (tug)	1		
			Sub Total of section C3.1.1	
Durban C3.1.2				
C3.1.2.1	Umkhomazi(tug)	1		
C3.1.2.2	Pholela(tug)	1		
C3.1.2.3	Lotheni(tug)	1		
C3.1.2.4	Mkhuze(tug)	1		
C3.1.2.5	Uthekelela(tug)	1		
C3.1.2.6	Palmiet(tug)	1		
C3.1.2.7	Umvoti(tug)	1		
C3.1.2.8	Inyalazi(tug)	1		
C3.1.2.9	Umhlali(tug)	1		
C3.1.2.10	Umsunduzi(tug)	1		
C3.1.2.11	Lufafa(pilot)	1		
C3.1.2.12	Indlovu(pilot)	1		
C3.1.2.13	Umcishu(launch)	1		
C3.1.2.14	Uqoyi(launch)	1		
C3.1.2.15	Moorhen(launch)	1		
C3.1.2.16	Unonklonki(launch)	1		
C3.1.2.17	Ifuba(launch)	1		
C3.1.2.18	Adhoc Vessel (tug)	1		
			Sub Total of section C3.1.2	
TOTAL SECTION C3.1 carried forward to Final Summary				

SECTION C3.2 Annual Jason Cradle service**Richards Bay C3.2.1**

C3.2.1.1	Ukhozi (tug)	1			
C3.2.1.2	Lilani(tug)	1			
C3.2.1.3	Iphotwe(tug)	1			
C3.2.1.4	Indlazi(tug)	1			
C3.2.1.5	Uhuva(tug)	1			
C3.2.1.6	Jojosi(pilot)	1			
C3.2.1.7	Swift Tern(work)	1			
C3.2.1.8	Adhoc vessel (tug)	1			

Sub Total of section C3.2.1**Durban C3.2.2**

C3.2.2.1	Umkhomazi(tug)	1			
C3.2.2.2	Pholela(tug)	1			
C3.2.2.3	Lotheni(tug)	1			
C3.2.2.4	Mkhuze(tug)	1			
C3.2.2.5	Uthekela(tug)	1			
C3.2.2.6	Palmiet(tug)	1			
C3.2.2.7	Umvoti(tug)	1			
C3.2.2.8	Inyalazi(tug)	1			
C3.2.2.9	Umhlali(tug)	1			
C3.2.2.10	Umsunduzi(tug)	1			
C3.2.2.11	Lufafa(pilot)	1			
C3.2.2.12	Indlovu(pilot)	1			
C3.2.2.13	Umcishu(launch)	1			
C3.2.2.14	Uqoyi(launch)	1			
C3.2.2.15	Moorhen(launch)	1			
C3.2.2.16	Unonkilonki(launch)	1			
C3.2.2.17	Ifuba(launch)	1			
C3.2.2.18	Adhoc Vessel (tug)	1			

Sub Total of section C3.2.2**TOTAL SECTION C3.2 carried forward to Final Summary**

SECTION C 3.3 Annual Rescue Boat Service**Richards Bay C3.3.1**

C3.3.1.1	Ukhozi (tug)	1			
C3.3.1.2	Lilani(tug)	1			
C3.3.1.3	Iphotwe(tug)	1			
C3.3.1.4	Indlazi(tug)	1			
C3.3.1.5	Uhuva(tug)	1			
C3.3.1.6	Adhoc Vessel (tug)	1			

Sub Total of Section C3.3.1**Durban C3.3.2**

C3.3.2.1	Umkhomazi(tug)	1			
C3.3.2.2	Pholela(tug)	1			
C3.3.2.3	Lotheni(tug)	1			
C3.3.2.4	Mkhuze(tug)	1			
C3.3.2.5	Uthekela(tug)	1			
C3.3.2.6	Palmiet(tug)	1			
C3.3.2.7	Umvoti(tug)	1			
C3.3.2.8	Inyalazi(tug)	1			
C3.3.2.9	Umdlali(tug)	1			
C3.3.2.10	Umsunduzi(tug)	1			
C3.3.2.11	Adhoc Vessel (tug)	1			

Sub Total of section C3.3.2.**TOTAL SECTION C3.3 carried forward to Final Summary**

SECTION C3.4 Annual Davit Crane Service**Richards Bay C3.4.1**

C3.4.1.1	Ukhozi (tug)	1			
C3.4.1.2	Lilani(tug)	1			
C3.4.1.3	Iphotwe(tug)	1			
C3.4.1.4	Indlazi(tug)	1			
C3.4.1.5	Uhuva(tug)	1			
C3.4.1.6	Jojosi(pilot)	1			
C3.4.1.7	Swift Tern(work)	1			
C3.4.1.8	Adhoc vessel (tug)	1			

Sub Total of section C3.4.1**Durban C3.4.2**

C3.4.2.1	Umkhomazi(tug)	1			
C3.4.2.2	Pholela(tug)	1			
C3.4.2.3	Lotheni(tug)	1			
C3.4.2.4	Mkhuze(tug)	1			
C3.4.2.5	Utkekela(tug)	1			
C3.4.2.6	Palmiet(tug)	1			
C3.4.2.7	Umvoti(tug)	1			
C3.4.2.8	Inyalazi(tug)	1			
C3.4.2.9	Umhlali(tug)	1			
C3.4.2.10	Umsunduzi(tug)	1			
C3.4.2.11	Lufafa(pilot)	1			
C3.4.2.12	Indlovu(pilot)	1			
C3.4.2.13	Umcishu(launch)	1			
C3.4.2.14	Ugoyi(launch)	1			
C3.4.2.15	Moorhen(launch)	1			
C3.4.2.16	Unonkilonki(launch)	1			
C3.4.2.17	Ifuba(launch)	1			
C3.4.2.18	Adhoc Vessel (tug)	1			

Sub Total of section C3.4.2**TOTAL SECTION C3.4 carried forward to Final Summary**

FINAL SUMMARY TABLE		Total
Total brought forward from SECTION B3.1: EQUIPMENT LIST PILOT BOAT		
Total brought forward from SECTION B3.2: EQUIPMENT LIST TUG		
Total brought forward from SECTION B3.3: EQUIPMENT LIST WORK BOAT		
Total brought forward from SECTION B3.4: EQUIPMENT LIST LAUNCHES		
Total brought forward from SECTION C3.1: ANNUAL LIFE RAFT SERVICE		
Total brought forward from SECTION C3.2: ANNUAL JASON CRADLE SERVICE		
Total brought forward from SECTION C3.3: ANNUAL RESCUE BOAT SERVICE		
Total brought forward from SECTION C3.4: ANNUAL DAVIT CRANE SERVICE		
Total carried forward to MULTI-YEAR PRICING TABLE EASTERN REGION		
MULTI-YEAR PRICING TABLE - EASTERN REGION		
	CPI	TOTAL
TOTAL COSTS YEAR 1 = (YR1 Total costs) BROUGHT FORWARD FROM FINAL SUMMARY TABLE	0	
TOTAL COSTS YEAR 2 = (YR1 total cost X CPI adjustment)	4.7	
TOTAL COSTS YEAR 3 = (YR2 total cost XCPI adjustment)	4.6	
TOTAL EXCL. VAT		
15% VAT		
TOTAL INCL. VAT		

Notes to the Multi-Year Pricing Table:	
1	The first year of the contract will not be subject to price escalation
2	Tendered rates will be subject to escalation from year 2 onwards
3	Tendered rates will be adjusted annually based on the actual escalation indices published by Stats SA.
4	The formula for adjustment and the method of adjustment is set out in more detail in the tender document
5	The "CPI" figures provided in the "Multi-Year Pricing Table" above are forward projections from the Bureau for Economic Research and are used as an estimate in order to obtain a total price over the contract term.

