



PRICED BILL OF QUANTITIES

Item No.	Description	Unit	Qty	Rate	Amount
	SECTION 1: PORTABLE AND EMERGENCY RESCUE FIRE FIGHTING EQUIPMENT				
1.1	<u>Extrication Equipment</u>				
	For the supply, delivery, testing and commissioning of extrication equipment together with all accessories as per the technical specifications and manufacturer requirements for correct operation.				
1.1.1	1 Bar Lifting bag set (Vetter or similar approved)	each	1		
1.1.2	10 Bar Mini Lifting bags (Vetter or similar approved)	each	1		
1.1.3	Support System 1	each	1		
1.1.4	Support System 2	each	1		
1.1.5	Spreader (Lukas or similar approved)	each	1		
1.1.6	Chain Set for Spreaders (Lukas or similar approved)	each	1		
1.1.7	Door Opener and mini cutter set (Lukas or similar approved)	each	1		
1.1.8	Cutter (Lukas or similar approved)	each	1		
1.1.9	Rescue Ram (Lukas RZ 1-850 or similar approved)	each	1		
1.1.10	Rescue Ram (Lukas RZ 2-1290 or similar approved)	each	1		
1.1.11	Rescue Ram (Lukas RZ 3-1640 or similar approved)	each	1		
1.1.12	Power unit (Lukas or similar approved)	each	1		
1.1.13	Hand pump (Lukas or similar approved)	each	1		
1.14	10 Liters Hydraulic oil (Lukas or similar approved)	each	1		
1.15	Protection covers Set (Lukas or similar approved)	each	1		
1.16	Tool station (Lukas or similar approved)	each	1		
1.17	Glass management set (Lukas or similar approved)	each	1		
1.18	Disaster flame cutting equipment (Rosenbauer or similar approved)	each	1		
1.19	Pneumatic impact tools (Rosenbauer or similar approved)	each	1		
1.20	Extrication Tool / Jack 36" (Hi-Lift FR-365 36" or similar approved)	each	1		
1.21	Extrication Tool / Jack 48" (Hi-Lift FR-485 48" or similar approved)	each	1		
1.22	Extrication Tool / Jack 60" (Hi-Lift FR-605 60" or similar approved)	each	1		
1.23	Airbag Safe for driver and Passenger (Lukas or similar approved)	sum	2		
1.24	Testing and Commissioning	sum	1		
1.25	Training	sum	1		
1.26	Operation and Maintenance Manuals	sum	1		
Total carried forward to next page					

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2	<u>Positive Pressure Ventilator</u>				
	For the supply, delivery, testing and commissioning of a positive pressure ventilator together with all accessories as per the technical specifications and manufacturer requirements for correct operation.				
2.1	Positive pressure ventilator with lighting and dust cover (Rosenbauer or similar approved)	each	2		
2.2	Testing and Commissioning	sum	1		
2.3	Training	sum	1		
2.4	Operation and Maintenance Manuals	sum	1		
3	<u>Rescue Equipment</u>				
	For the supply, delivery, testing and commissioning of rescue equipment together with all accessories as per the technical specifications and manufacturer requirements for correct operation.				
3.1	Hand Operated Lifting and Pulling Device (Rosenbauer or similar approved)	each	1		
3.2	High-rise rescue set fall protection (Rosenbauer or similar approved)	each	1		
3.3	High Rise rescue set- people rescue (Rosenbauer or similar approved)	each	1		
3.4	Safety and rescue set for confined space (ROLLGLISS R350 or similar approved)	sum	2		
3.5	Floating Line	each	2		
3.6	Working line	each	2		
3.7	Throwline bag set	each	2		
3.8	Storage bag	sum	4		
3.9	Testing and Commissioning	sum	1		
3.10	Training	sum	1		
3.11	Operation and Maintenance Manuals	sum	1		
4	<u>Gas Detection Kits</u>				
	For the supply, delivery, testing and commissioning of a positive pressure ventilator together with all accessories as per the technical specifications and manufacturer requirements for correct operation.				
4.1	2 x gas detectors (Dräger X-am 5600 or similar approved)	each	2		
4.2	Bump test kit with calibration gas	each	1		
4.3	Testing and Commissioning	sum	1		
4.4	Training	sum	1		
4.5	Operation and Maintenance Manuals	sum	1		
5	<u>Binoculars</u>				
	For the supply and delivery of binoculars together with all accessories as per the technical specifications and manufacturer requirements for correct operation.				
5.1	Binoculars	each	4		
Total carried forward to next page					

Total brought forward from previous page				
6	<u>Suction Hoses and Plant</u>			
	For the supply, delivery, testing and commissioning of Suction hoses and plant together with all accessories as per the technical specifications and manufacturer requirements for correct operation.			
6.1	Suction hose coupling wrench	each	4	
6.2	Cylindrical suction strainer	each	1	
6.3	Wicker basket for suction strainer	each	1	
6.4	Swimmer for suction strainer	each	2	
6.5	Suction Hoses	each	10	
6.6	Suction Hose testing kit and pump (Kocheck or similar approved)	each	1	
6.7	Testing and Commissioning	sum	1	
6.8	Training	sum	1	
6.9	Operation and Maintenance Manuals	sum	1	
7	<u>Fire Fighting Water Plant</u>			
	For the design, supply, delivery, testing and commissioning of the Fire fighting Water Plant together with all accessories as per the technical specifications and manufacturer requirements for correct operation.			
7.1	Design, Workshop Drawings and Specifications	sum	1	
7.2	hydroshield nozzles	each	4	
7.3	Extinguishing lance	each	1	
7.4	piercing applicator lance	each	2	
7.5	Selectable flow nozzle (Angus Falcon or similar approved)	each	4	
7.6	BS 750 hydrant standpipe	each	1	
7.7	British Standard hydrant key	each	4	
7.8	hydrant x-key	each	12	
7.9	hydrant wheel	each	12	
7.10	Portable Fire Monitors (rosenbauer or similar approved)	each	2	
7.11	Portable oscillating fire monitors	each	2	
7.12	3 way dividing piece	each	2	
7.13	2 way dividing piece	each	2	
7.14	40 x 63mm Male / Female instantaneous fire hose coupling (AWG BS336 or similar approved). Complete with 20 by 38mm and 20 by 63mm double binding kite marked yellow hoses with red and green sock (as per technical specification)	sum	1	
7.15	Testing and Commissioning	sum	1	
7.16	Training	sum	1	
7.17	Operation and Maintenance Manuals	sum	1	
Total carried forward to next page				

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8	<u>Thermal Imaging Camera</u>			
	For the supply, delivery, testing and commissioning of a thermal imaging camera together with all accessories as per the technical specifications and manufacturer requirements for correct operation.			
8.1	thermal imaging camera (Drager UCF 9000 or similar approved)	each	2	
8.2	Testing and Commissioning	sum	1	
8.3	Training	sum	1	
8.4	Operation and Maintenance Manuals	sum	1	
9	<u>Flood Lighting System</u>			
	For the supply, delivery, testing and commissioning of flood lighting system together with all accessories as per the technical specifications and manufacturer requirements for correct operation.			
9.1	Dual Halogen Flood Light set	each	2	
9.2	Rechargeable torch (MAG-LITE or similar approved)	each	2	
9.3	Power Generator (rosenbauer RS 9 or similar approved)	each	2	
9.4	Testing and Commissioning	sum	1	
9.5	Training	sum	1	
9.6	Operation and Maintenance Manuals	sum	1	
Total carried forward to next page				

Total brought forward from previous page				
10	Workshop Plant			
	For the design, supply, delivery, testing and commissioning of the workshop plant together with all accessories as per the technical specifications and manufacturer requirements for correct operation.			
10.1	Hose Vulcaniser (Pronto P10 or similar approved)	each	1	
10.2	Repair Set for Vulcaniser	each	1	
10.3	Electric Hose binding Machine (Barth ESB 69-3 or similar approved)	each	1	
10.4	Manual hose Binding Machine (Delta Fire or similar approved)	each	1	
10.5	Hose Winding Device	each	1	
10.6	Hose Storage Rack	each	1	
10.7	Mobile Hose Storage Rack	each	1	
10.8	Workshop Station	each	2	
10.9	Hydrant Flow Meter (Giddens or similar approved)	each	1	
10.10	Drill Press (Ryobi DP-16 or similar approved)	each	1	
10.11	Mobile Spray Booth (COLO or similar approved)	each	1	
10.12	Intrinsically Safe Torches (Pelican 9415i Flashlight or similar approved)	each	4	
10.13	Manual Hand Operated Fire Siren (Sirenco SSH200C or similar approved)	each	2	
10.14	Portable PA (Public Address) System (Samson Expedition XP108W or similar approved)	each	2	
10.15	Nitrogen Gas filling machine for stored pressure fire extinguishers (Cordia, Angus or similar approved)	each	1	
10.16	Testing and Commissioning	sum	1	
10.17	Training	sum	1	
10.18	Operation and Maintenance Manuals	sum	1	
	Total carried to summary			

**PRICED BILL OF QUANTITIES**

Item No.	Description	Unit	Qty	Rate	Price
	SECTION 2: FIRE OPERATIONS EQUIPMENT AT BERTH 208/209				
2.1	65mm in 30 meter yellow length hoses with 63mm instantaneous couplings with double binding with stainless steel wire and red sock numbered 2022/01,2,3 etc and shall kite marked tested to BS BS 6391;2009 Type 3	No	16		
2.2	Hose boxes to hold 3x 65mm/30meter lay flat fire hoses and nozzle. To be supplied with floor mountings	No	8		
2.3	38 mm in 30 meter length yellow hoses with 63mm instantaneous couplings with double binding with stainless steel wire and red sock numbered 2022/01,02,03 etc. and shall kite marked tested to BS 6391;2009 Type 3	No	16		
2.4	Mobile Foam Cart	m	4		
2.5	Ship to Shore brass 8 bolt with gasket and 8x bolt and nuts	No	4		
2.6	visible /transparent front cover Extinguisher boxes (9kg large) to be supplied with 1,5 meter galvanised 50mm floor mounting poles with fixtures.	No	30		
2.7	9kg stainless Steel DCP fire extinguishers . SANS approved type	No	15		
2.8	9L stainless Steel FOAM fire extinguishers SANS approved type	No	15		
2.9	wind speed and wind direction instruments	No	2		
2.10	wind sock to be supplied with 3 meter galvanised 50mm floor mounting poles with fixtures	No	3		
2.11	medical oxygen kits complete with accessories , ie valves, fittings, 2kg cylinder and respirator equipment and carry bag.	No	4		
2.12	Supply of photoluminescent safety signs showing different risks	no	40		
2.13	Supply a stainless steel chain for the valves locks	m	60		
Total carried to summary					

Tender Number: TNPA/2022/04/0237/RFP



Item No.	Description	Unit	Qty	Rate	Price
	SUMMARY:				
1	SECTION 1: PORTABLE AND EMERGENCY RESCUE FIRE FIGHTING EQUIPMENT				
2	SECTION 2: FIRE OPERATIONS EQUIPMENT AT BERTH 208/209				