

**IT SPECIFICATIONS – PROCUREMENT OF FWD MAIN ENGINE OIL MIST
DETECTION SENSORS AND ADOPTERS/ PLUG CONNECTORS– PMSS KASHMIR**

1.	System	Main Engine
2.	Sub system	Oil mist detection system
3.	Origin	China
4.	Make	HEINZMANN
5.	Model	TRITON – I
6.	Part Number	(z10106-20-00) TRITON I Finger type sensor (for Diesel Engines)
7.	Power Supply	24V DC +30/-25% Operating Current: max. 1.5 A
8.	Relay-Outputs	Contact load for all relays: Max. 60V AC, 1A, 60VA / max. 60V DC, 1A, 60W
9.	Serial Interface:	RS485 for standardized bidirectional communication RS232 for setup and configuration
10.	Environment Conditions	Ambient temperature in service: 0°C - 70°C for TRITON I Evaluator 0°C - 85°C for TRITON I Sensor Electronics -10°C - 120°C for TRITON I Sensor Measuring Section
11.	Protection:	IP65
12.	Rated voltage for RS 485 interface	DC 24V, Um = DC 30V
13.	Detailed scope of work	<p>a. Procurement of 05 x oil mist detection sensors and adopters/ plug connectors (male/ female)</p> <p>b. Replacement of defective oil mist detection sensors and plug connectors.</p> <p>c. Recalibration/ installation of software in Control panel for satisfactory operation of the oil mist detection system.</p> <p>d. Complete work to be undertaken by OEM Rep only.</p> <p>e. Only OEM certified spares for defect rectification will be accepted after inspection.</p> <p>f. Repair of removed sensors/ cables and return to warehouse as serviceable.</p>
14.	EDC	30 Days
15.	Warranty	02 Years
16.	Eligibilities	a. Authorized OEM Rep of HEINZMANN (Preference)

		b. Any reputable firm having working experience with PMSA
17.	Acceptance Criteria	<p>a. Successful HATs and SATs on fwd main engine.</p> <p>b. Satisfactory trials/ operation of fwd main engine up to 1000 RPM with normal parameters during prolonged sea operation.</p> <p>c. Verification of all alarms/ safeties by SS.</p> <p>d. Firm must provide following documents:</p> <ol style="list-style-type: none"> 1) Certificate of Conformity by OEM (CoC). 2) Bills of landing from abroad (if applicable). 3) Warranty on DPL-15.
18.	Any other relevant information	Contact Ship Staff (Cell # +92-333-7766789)