SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 21 x IT SPECIFICATIONS

IT NO: IT/16/01/2024-25

IT SPECIFICATION FOR OVERHAULING OF FRESH WATER SUPPLY PUMP NO 2 - PMSS DASHT

S No.	Description			
1.	System	Fresh Water Supply Pump		
2.	Sub system	Fresh Water System		
3.	Origin	China		
4.	Make	Jiangsu Zhenhua Pumps Industry Co., Ltd.		
5.	Model	HMZZGS-02		
6.	Justification	Degraded performance		
7.	Qty	01		
8.	Technical Specs (if any)	As per OEM manual/ Specs		
9.	Scope of Work	a. Replacement of degraded impeller, impeller key and impeller housing with new. b. Replacement of old mechanical seal with high quality mechanical seal. c. Replacement of degraded seal rings with copper/ phosphorus bronze material seal rings. d. Replacement of degraded pump shaft with Stainless Steel (316L) material pump shaft (if required). e. Replacement of pump bearing with SKF/ high quality bearing. f. Repair/ replacement of degraded pump body/ casing. g. Overhauling of motor (wiring/ insulation/ field balancing/ bearing). h. Repair/ replacement of degraded suction/ discharge lines. j. Precise alignment of pump with motor. k. Old bolts and nuts to be replaced with new Stainless steel (316L) bolts and nuts.		
10.	Eligibilities	Authorized rep of OEM/ Local contractor having working experience on pumps and impeller. Contractor is to visit the ship in order to understand the scope of work		
11.	EDC	07 x days		
12.	Warranty	Vear warranty for satisfactory operation of pump without following defects: Water leakage from pump Decreased discharge pressure (due to worn out impeller) Normal operating temperature Motor winding		
13.	Acceptance Criteria	 a. Satisfactory discharge flow rate of 0.5 - 0.6 m3/h of pump. b. Satisfactory maintaining of positive heading of 48.5 meters. b. Satisfactory operation without increased noise, vibration & leakage. 		
14.	Any other Info	Growth Work, Damage/ defect occurred during work is responsibility of contractor		

IT NO: IT/16/02/2024-25

IT SPECIFICATIONS FOR RENEWAL OF LAGGING OF SUPPLY/ EXHAUST FANS OF FWD & AFT ENGINE ROOMS- PMSS DASHT

S No	Description		
1.	Parent Equipment	Marine Axial Flow Fan	
2.	Sub Equipment	Fan Duct Lagging	
3.	Assembly Component	Lagging	
4.	Model	CLH50324.5(Z)	
5.	Make	China	
6.	Quantity/Item Details	04	
7.	Justification	Lagging of fan duct deteriorated	
8.	Work required/Defect	Renewal of lagging is required.	
9.	Scope of work	 a. Removal of exhaust/ supply fans flaps of FER & AER b. Removal of old lagging from duct c. Cleaning of inner and outer surface of supply/exhaust fans ducts d. Fabrication of new lagging (glass wool, mineral wool flexible elastomeric foam, rigid foam etc) as per dimension and measurements e. Overhauling and rewinding of all fan motors of FER & AER f. Inspection and repair of ducts in FER & AER g. Application of lagging and securing on inner side of ducting h. Application of exhaust/supply fan ventilation flaps with new nurand bolts (stainless steel) i. Satisfactorily trials of FER & AER supply/exhaust fans j. Growth work will be solely responsibility of firm. To avoid complications on later stage, firms is to visit ship before quoting for understanding removal/installation and defect rectification scope k. Cleaning, servicing and paint work of all supply/exhaust fans of FER & AER will be carried out by the firm 	
10.	Technical Specifications	As per OEM Manual/ spec	
11.	Eligibility Criteria	a. Any registered and security wise cleared local contractor who has working experience onboard MPVs b. Firm must visit site for understanding the exact nature of defect/hindrances involved in job prior quoting to avoid inconvenience on later stage after award of Work Order.	
12.	EDC/EDD	05 x Days	
13.	Warranty	01 x Year	
14.	Acceptance Criteria	Satisfactorily trials of FER & AER supply/exhaust fans without any deterioration in lagging material	
15.	Any Other Relevant Information	Nil	

IT NO: IT/16/03/2024-25

IT SPECIFICATION FOR CONDUCT OF 3 ANNUAL MAINTENANCE ROUTINE OF PORT & STBD FIN STABILIZERS - PMSS DASHT

io.	Description				
-	Parent Equipment	Fin Stabilizer	N. D.		
2	Sub Equipment	Stabilizer Gland Seal F	Stabilizer Gland Seal Packing Box		
3.	Assy. Component	Seals			
4.	Make	Harbin Engineering University			
5.	Model	NJ4-1.8S-1			
6.	Qty	02 Conduct of 3A PMS r	outine		
7.	Justification Technical	To carry out following	maintenance routines of 02 x Fin Stabilizer	5.	
0	Specs (If any)		Description	Period	
	Transfer of St.	S No. MOP		3A	
		a. PM-01		3A	
		b. PM-01	the section of punishing	3A	
		c. PM-01	cylinder		
		d. PM-01	4 Clean the oil tank and replace oil	3A	
		e. PM-01		3A	
9	Scope	a Detailed wor	lete scope of work. k scope routines wise for carrying out 3A r	sit ship for routines of	
9	Scope Work	a. Detailed wor	k scope routines wise for carrying out 3A runder: // Replace the sealing of hydraulic cylinder a	routines of	
9	Ocopo	a. Detailed wor	k scope routines wise for carrying out 3A runder: // Replace the sealing of hydraulic cylinder a element	routines of	
9.	Ocopo	a. Detailed work Fin Stabilizers is as (1) Inspection (a) (b) (c) (d) and	k scope routines wise for carrying out 3A runder: // Replace the sealing of hydraulic cylinder a	and filter s. ng of wear s mounting of trunnion	
9.	Ocopo	a. Detailed work Fin Stabilizers is as (1) Inspection (a) (b) (c) (d) and and and (e)	Replace the sealing of hydraulic cylinder a element Dismantling of all associated accessories Taking down of hydraulic cylinder. Replacement of seals of cylinder. Assembling of mechanical unit. Checkitear on the cylinder trunnion, the trunnion if they are fitted well. Greasing of surfaces trunnion mounting. (ZG-4(GB 491-1987))	and filter s. Ing of wear s mounting of trunnion	

10.	Spares		Description	NSN No.	Denomination	Qty
	Required for Conduct of		Seal Ring	4810-PV- 634-0004	Each	02
	Routines		Grease	9159-PV- 002-0018	Ltrs	02
			Cylinder Seal	2040-PV- 303-0029	Each	02
	12.5		Oil Cooler	2930-PV- 100-0004	Each	01
			circuit associated wit	h fin stabilizer	s	ronic/ control system
			(4) Complete over and valve block with			s, pumps, relief valves
			(5) Replacement	of Hydraulic	cylinders of both t	he hydraulic rams
					of Hydraulic oil of	
			(7) Provision of 0	2 x set of filte	r elements of fin s	stabilizers
			(8) Inspection an stabilizers till SAT re-			sociated fittings of fin action
			(9) Pressure test	ing, inspection	n and satisfactory	trials
				and pumps a	nd replacement o	completion of routine, f all associated fittings d parts only.
			Address: No. 145, I Jiang province, Chin parts from OEM and	Nantong Stre a) will be allow d firm is to pr	et, Nan Gang Di ved onboard insta rovide certificates	ngineering University, strict Harbin, Heilong llation. Firm is to order and order details for naintenance routines
11.	Eligibilities		Authorized rep of O hydraulic systems.	EM/ Local co	ntractor having w	vorking experience on
12	EDC		10 days			
13.	Warranty		Warranty for mainte should be as following		ir work undertak	en by the contractor
			maintenance/ defe b. 2-year warra being dismantled defect rectification	ect rectification nty for leakage / opened dur n.	n. e free operation of ring conduct of r	ares utilized during of the complete system maintenance routines/
			c. 1000 SAT ru defect. d. Any damage (including electro warranty jobs by t	to associated onic/ control he firm	components invo system) will als	ithout any anomaly or lived with fin stabilizers o be covered under
	-		e. Provision of warranty period in	all spares as	nd parts (OEM s defect will be by th	specified only) with in ne firm

14.	Acceptance Criteria	a. Satisfactory HATs followed by SATs. b. Satisfactory operation without noise and vibration. c. Leakage free operation of system. d. SS will handover system to firm by giving satisfactory trials, any other defect after maintenance work will be responsibility of firm. HQ PMSA will not pay for any growth work due firm workmanship. This will also include defects pertain to electronic/ control system. Firm must check performance of system prior start of work. e. STW and satisfactory trials at Harbour and at Sea for 02 x months.
15.	Any other Information	a. Firm is to visit ship (during working hours, i.e Mon to Fri 8AM to 3PM) for understanding complete scope of work and accessories removal route prior participating In tender. Any growth work including spare parts other than above parts will be responsibility of firm. b. Firm is to attach offered OEM parts catalogue/ broachers with technical quotations for spare parts. Firm not providing offered spare part IPCs in technical quotations are liable for rejection in TSR.

IT NO: IT/16/04/2024-25

IT SPECS FOR REPLACEMENT OF GEARBOX FLEXIBLE HOSES OF MTU MAIN ENGINES PMSS DASHT

S No.	Description		
1.	Parent System	Main Engine	
2.	Sub system	Gearbox	
3.	Assy component	Flexible hoses	
4.	Origin	Germany	
5.	Make	MTU	
6.	Model	16V4000M73L	
7.	Qty	08	
8.	Justification	FWT	
9.	Technical Specs (If any)	As per OEM Manual/ Specs	
10.	Scope of Work	 a. Provision of Flexible Hoses as per sample provided by SS. b. Punching of SS 316 L connectors across the ends of hoses. c. Flexible hoses must be sufficient enough to sustain 5 MPa pressure. d. All tools and equipments to be arranged by the firm. e. All spares and parts (OEM specified) to be provided by the firm. f. All leakages w.r.t associated system be rectified by the firm for SAT ops. g. HATs & SATs to be conducted satisfactorily. h. Any growth work will be responsibility of the firm. c. All nuts & bolts of all flanges of associated system be replaced with new SS nuts & bolts. c. Corrosion, rust, erosion on lines and flanges of all associated system should be rectified. c. Any damage, crack or pin holes in lines of associated system should be brazed/ rectified by the firm. 	
11.	Eligibilities	Reputable local contractor having working experience of repair/ overhauling of sea water system onboard 6HT MPVs.	
12.	EDC	07 x days	
13.	Warranty	One year warranty for satisfactory operation without following defects: a. Leakage / dripping of sea water from flanges b. Corrosion, rust, erosion on lines, flanges & Nuts/bolts c. Damage, cracks, pin holes in lines	
14.	Acceptance Criteria	Satisfactory replacement of flexible hoses Satisfactory and leakage free operation as per desired system parameters	

IT NO: IT/16/05/2024-25

IT SPECIFICATIONS FOR REPLACEMENT OF PVC PIPES AND UNIONS OF MAIN AC CONDENSERS AND HEAT EXCHANGERS - PMSS DASHT

S No	Description	
1.	System	Marine Light Water Chiller
2.	Sub system	Condensers and Heat Exchangers
3.	Origin	China
4.	Make	Jiangsu Josun Air Conditioner Co. Ltd
5.	Model	JTLS-168(IV)
6.	Qty	08
7.	Justification	Ageing factor (FWT)
8.	Scope of work	a. Complete Isolation of Main AC Seawater circulation system with suitable means in coordination with SS. b. Removal of PVC pipes, unions, sockets and all other connections carefully without any damage to system. c. Procurement of new pipes and all associated fittings from local market as per samples (OEM specified only). d. Installation of new PVC pipes and all associated fittings onboard after pressure testing as per dimensions already installed. e. Verification of AC seawater circulation system without any leakage. f. All in-way accessories be removed by the firm and fitted back carefully. g. Growth work will be sole responsibility of the firm. To avoid complications on later stage, firm is to visit the ship before quoting for understanding the exact nature of work and defect rectification scope. h. Firm quoting without visiting will be liable for rejection in TSR. j. Material of PVC pipes and all other associated fittings must be approved by MEO/ SS prior installation. k. Inspection/ repair of any leakage or defect w.r.t Compressors, Condensers, Expansion Valves, Flexible pipes or any other associated component with the AC system be rectified by the firm. l. All spares and parts (OEM specified) be provided by the firm. m. All tools and equipments (Blanks/ Nuts/Boits/ Isolation tools etc) be arranged by the firm. h. Satisfactory Full load trials (HATs and SATs both) of AC system upto command satisfaction.
3.	Ligitimues	working experience in above mentioned scope of work
10.	EDC	07 x Days
11.	Warranty	02 x Years
12.	Acceptance Criteria	Satisfactory operation of 04 x Main AC Compressors/ Condensers/ Heat Exchangers and Expansion Valves without any leakage from PVC pipes and associated fittings in AC system
13.	Any other info	Coordinate MEO/ SS for better understanding of scope of work

IT NO: IT/16/06/2024-25

IT SPECIFICATIONS FOR DEFECT RECTIFICATION OF HYDRAULICALLY ACTUATED ELECTRONICALLY CONTROLLED UNIT INJECTOR PUMP OF CAT C9 GENSET NO. 2 OF PMSS DASHT

S No	Description		
1.	Parent Equipment	CAT C9 Marine Genset	
2.	Sub Equipment	Hydraulically Actuated Electronically Controlled Unit Injector Pump	
3.	Assembly Comp	Hydraulically Actuated Electronically Controlled Unit Injector Pump	
4.	Make	Caterpillar	
5.	Model	C9Z Series, Part No 476-8769	
6.	Qty	01	
7.	Justification	Rapid decrease of RPM and frequency when on-load.	
8.	Work Required/ Defect	Repair/ Overhauling of hydraulically actuated electronically controlled unit injector pump	
9.	Detailed Scope of Work	Defect rectification and full load trials of Genset No. 2 including following: a. Repair/ Replacement of Plunger assembly valve. b. Replacement of shaft assembly. c. Replacement of O-rings. d. Testing of said pump on test bench at 6 bar. e. After repair/ replacement check clearances between shaft and plunge assembly. f. Inspection of all associated fittings of GENSET No 2 including exhaus muffler g. Repair of exhaust pipe leakage h. Chemical cleaning and servicing of Intercooler and Heat exchanger i. Provision of ELC coolant for GENSET No 2 j. Satisfactory full load trials (upto 180 KW).	
10.	Technical Specs	As per OEM Manual/ Specs	
11.	Eligibilities	Any reputable local contractor or OEM authorized Rep having experience of CAT C9 Gensets	
12.	EDC	07 days	
13.	Warranty	01 year after Satisfactory full load trials of Genset	
14.	Acceptance Criteria	 a. OEM Certified spares. b. Technical specifications of item alongwith tech manual, CoC, document to be provided by contractor. c. Onboard satisfactory test/ trials. d. Item must be genuine, packed and compatible with existing system Aftermarket products, loose items or any variant item w.r.t dimension tech specs will not be accepted f. Satisfactory full load trials. 	
15.	Any other Info	Coordinate MEO/ SS for better understanding of scope of work	

IT NO: IT/16/07/2024-25

IT SPECIFICATIONS FOR REPAIR/ OVERHAULING OF OILY WATER SEPARATOR - PMSS DASHT

S No	Description		
1.	Parent Equipment	Oily Water Separator	
2.	Sub Equipment	Water Separator	
3.	Assembly Component	Oil content meter, operation electrodes, 1 st , 2 nd & 3 rd stage filter/ membranes screw pump, pressure controller, temperature controller, dosing pump pneumatic valves and electrical control box	
4.	Quantity	01	
5.	Make	China	
6.	Model	YWC-0.50 15ppm	
7.	Justification	Degraded performance with frequent tripping/ shut down	
8.	Work Required	Repair/ overhauling of oily water separator	
9.	Scope of work	a. Detailed inspection of bilge oily water separator b. Removal of complete accessories of bilge oily water separator. c. Replacement of 1st, 2nd & 3rd stage separator. d. Replacement of Two stage filter. e. Replacement of 1st, 2nd & 3rd stage membranes. f. Overhauling of screw and dosing pump along with motors g. Repair/ replacement of pressure and temperature controller h. Inspection of automatic opening and closing check valve coarse filter j. Repair of electrical control box unit k. Calibration of differential pressure gauges. l. Inspection/ repair of oil content meter and pneumatic valves. m. All tools and equipments be arranged by the firm n. All spares/ parts provided must be OEM specified only a. Complete overhauling and repair of the oily water system with SAT running parameters.	
10.	Technical specs	As per OEM manual 33412450001 YWC-0.50 15ppm M65P	
11.	Eligibilities	Any security wise clear, reputable local contractor having relevant working experience	
12.	EDC	07 x Days	
13.	Warranty	01 x year complete warranty of replaced part and overhauled equipment after completion of successful trials.	
14.	Acceptance Criteria	Satisfactory operation of Oily Water Separator	
15.	Any other relevant information	Firms are requested to visit onboard prior quoting to understand exact scope of work.	

IT NO: IT/16/08/2024-25

IT SPECIFICATION DEFECT RECTIFICATION/ OVERHAULING OF RO PLANT NO.1 - PMSS DASHT

S No	Description		
1.	Parent Equipment	RO Plant	
2.	Sub Equipment	High pressure pump	
3.	Assembly Comp	Shaft, Impeller, Housing, Casing	
4.	Make	Romer Environmental Protection (Shenzhen) Co, Ltd r	
5.	Model	25WBZS3-18	
6.	Qty	01	
7.	Justification	Pump shaft damaged due ingress of sea water through damaged pump seal	
8.	Work Required/ Defect	Repair/ Overhauling of RO Plant No 1	
9.	Detailed Scope of Work	a. Repair of degraded pump body. b. Replacement of old mechanical seal with high quality mechanical seal. c. Replacement of degraded seal rings with copper/ phosphorus bronze material seal rings. d. Replacement of degraded pump shaft with Stainless Steel (316L) material pump shaft. e. Replacement of old worn out bearings with new SKF or other good quality bearing. f. Precise alignment of pump with motor. g. Complete overhauling of RO Plant No 1 along with motor, pump, oil, membrane, filter and sand. h. Replacement of all gauges. j. Corroded/ damaged bolts and nuts to be replaced with new Stainless steel (316L) bolts and nuts. As per OEM Manual/ Specs	
11.	Eligibilities	Reputable local contractor having working experience of repair/ overhauling of RO Plant onboard 6HT MPVs	
12.	EDC	07 x days	
13.	Warranty	year warranty for satisfactory operation of RO Plant No 1 without following defects: a. Seawater leakage from pump, mechanical seal and discharge valve. b. Increased vibration/ noise/ hard to rotate. c. Decreased discharge pressure. f. Satisfactory operation of RO Plant No 1 with replacement of complete auxiliary contact.	
14.	Acceptance Criteria	Satisfactory discharge pressure of sea water pump i.e 6MPa Satisfactory and smooth operation without high vibration and noise Satisfactory operation without sea water leakage. Precise alignment; impeller should be free to rotate.	
15.	Any other Info	Coordinate MEO/ SS	

IT NO: IT/16/09/2024-25

IT SPECIFICATION FOR REPAIR/ OVERHAULING OF 22 X FAN COIL UNIT (FCU) - PMSS DASHT

SNo	Description				
1.	Parent Equipment	Marine Fan Coil Unit (FCU)			
2.	Sub Equipment	Marine Fan Coil Unit (FCU)			
3.	Assembly Component	22 x FCU (Evaporators, Blowers and Coils)			
4.	Model	CFP-18LG, CFP-3WA, CFP-5WAX			
5.	Make	Jiangsu Josun Air Conditioner Co. Ltd			
6.	Quantity/Item Details	22 x (Evaporator, Blower, Coils and Base Plates of Standing FCUs)			
7.	Justification	Chill water leakage due to deterioration of FCU and degradation of FCU blower also observed during normal operation observed. FWT observed in coils			
8.	Work required/Defect	Repair/ Overhauling of 22 x FCUs			
9.	Scope of Work	(1) In route all accessories including bulkhead/ ceiling honeycomb is to be removed and fitted back without any damage (2) Degraded components including defective fan motor, bearings, evaporator coils are to be replaced with copper material and servicing/ overhauling of blower motor replacement of corroded parts (3) Replacement of 22 x FCU controllers (4) FCU performance is to be restored to maintained compartment temperature (i.e. upto 22 degree centigrade) (5) Clear all chocked drains, replace all standing FCU base plates and foundation (6) Provision of all spares and parts for FCUs and associated fittings (OEM specified only) (7) Evaporators, Blowers and Coils be checked/ inspected by SS prior installation (8) Satisfactory running operation of 22 x FCUs (9) Inspection and repair of all FCUs leakages (10) Fabrication of lines for all FCUs (if deteriorated) (11) All spares, tools and test equipments are to be arranged by the firm (12) Any growth work will be soul responsibility of the firm (13) Any damage during removal of accessories will be responsibility of the firm			
_ 10.	Eligibilities	Reputable local contractor having working experience on chiller and FCUs of MPV			
11.	EDC	03 x weeks			
12.	Warranty	One year after completion of successful trials			
13.	Acceptance Criteria	Satisfactory operation of 22 x Fan Coil Unit upto 22 degree centigrade			
14.	Any other Information	Firms are requested to visit site before quoting. If any firm quotes without visiting ship, firm will be rejected in TSR			

IT NO: IT/16/10/2024-25

IT SPECIFICATIONS FOR REPLACEMENT OF LUBE OIL PRESSURE SENSOR OF MAIN ENGINE NO 1 GEAR BOX – PMSS DASHT

S No.	Description		
1.	Parent Equipment	Main Engine	
2	Sub Equipment	Gear Box	
3.	Assembly component	Lube Oil Pressure Sensor	
4.	Make	China	
5.	Model	Lube Oil Pressure Sensor : MBS 3100 060G3567 Pr 0 - 30 Bar; O/P 4 - 20 mA Danfoss	
6.	Qty	01 x Lube Oil Pressure Sensor	
7.	Justification	Sensor found defective, safety hazard for gearbox operation	
8.	Work req/ Defect	Replacement of 01 x Lube Oil Pressure Sensor	
9.	Detailed Scope of Work	Replacement of 01 x Lube Oil Pressure Sensor Satisfactory test/ trials All tools and test equipments will be arranged by firm/ contractor	
10.	Technical specs (if any)	As per OEM Manual/ Specs	
11.	Eligibilities	Reputable local contractor having working experience of Main Engine	
12.	EDC	03 x Days	
13.	Warranty	02 x Years sensor warranty after test/ trials or as recommended by OEM	
14.	Acceptance Criteria	OEM Certified spares. Upon scrutiny of item and provided documents i.e. technical specifications Items will be accepted after onboard fitting and test/ trails	
15.	Any other Information	Damage/ defect occurred to system during work is responsibility of contractor. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor.	

IT NO: IT/16/11/2024-25

IT SPECIFICATION FOR OVERHAULING OF SEWAGE TREATMENT CUTTING PUMP - PMSS DASHT

S	S No.		Description				
	1.	System	Sewage Treatment Cutting_Pump				
	2.	Sub System	Cutting Pump				
	3.	Origin	China				
	4.	Make	Jiangsu Nanji Machinery Co., Ltd.				
	5.	Model/ Type	50CPW0.5-10B				
	6.	Qty	01				
	7.	Justification	Degraded performance				
	8.	Technical Specs (if any)	As per OEM manual/ Specs				
	9.	Scope of Work	a. Replacement of degraded impeller, impeller key and impeller housing with new b. Replacement of old mechanical seal with high quality mechanical seal. c. Replacement of degraded seal rings with copper/ phosphorus bronze material seal rings. d. Replacement of degraded pump shaft with Stainless Steel (316L) material pump shaft (if required). e. Replacement of pump bearing with SKF/ high quality bearing. f. Repair/ replacement of degraded pump body/ casing. g. Overhauling of motor (wiring/ insulation/ field balancing/ bearing). h. Complete rewinding of motor j. Repair/ replacement of degraded suction/ discharge lines. k. Precise alignment of pump with motor. l. Old bolts and nuts to be replaced with new Stainless steel (316L) bolts and nuts.				
	10.	Eligibilities	Authorized rep of OEM/ Local contractor having working experience on pumps and motor winding. Contractor is to visit the ship in order to understand the scope of work				
	11.	EDC	05 x Days				
	12	Warranty	X Year warranty for satisfactory operation of without following defects: Water leakage from pump Decreased efficiency due cutting blades Motor winding Provision of spares/ parts (Impeller/ Bearing/ O rings/ Seals) (whenever needec).				
	13.	Acceptance Criteria	Satisfactory discharge flow rate of 0.5 m3/h of cutting pump. Satisfactory operation without increased noise, vibration & leakage.				
	14.	Any other Info	Growth Work, Damage/ defect occurred during work is responsibility of contractor.				

IT NO: IT/16/12/2024-25

IT SPECIFICATION FOR REPLACEMENT OF RADIATOR OF GENSET NO 3 - PMSS DASHT

S No		Description						
1.	Parent Equip.	GENSET No 3						
2.	Sub Equip.	Radiator						
3.	Assy Comp.	Radiator						
4.	Origin	China						
5.	Make	Caterpillar						
6.	Model	C9						
7.	Quantity	01						
8.	Justification	Deteriorated radiator tubes beyond repair/ FWT						
9.	Technical specs	As per OEM manual/ Specs						
10.	Scope of work	a. Contractor is to dismantle existing radiator very carefully by his own labour. b. Contractor is to ensure heat proof painting of GENSET No 3 radiator onboard ship. c. Contractor is to take exact measurements of all parts of radiator which should include location of holes (for nuts and bolts) for replacement of new radiator. d. Contractor is to fabricate new radiator of 316L Stainless Steel exactly as persample. GENSET is to be trial for 72 hours with new radiator. If noise or vibration is present, contractor is to modify as necessary. e. Newly fabricated radiator must fit exactly on its base as per original and no fitting observation should remain after installation. f. Contractor is to use new stainless steel 316L bolts, nuts and washers for installation of new radiator. g. Contractor is to provide ELC coolant as prescribed by OEM for SAT operation after replacement and whenever required in warranty period. h. Contractor is to provide services of chemical and pressure cleaning onboard for radiator once in every quarter in warranty period.						
11.	Eligibilities	Local contractor and his workers having working experience of fabricating, repairing stainless steel 316L frames.						
12.	EDC	EDC for replacement and installation of new stainless steel 316L radiator is one week after issuance of work order.						
13.	Warranty	02 x Years material warranty of newly fabricated radiator. Moreover, it should remain vibration free and noise free. In case of ANY warranty claim is raised by ship staff related/ regarding RADIATOR, it should be rectified by contractor within 24 hours of intimation.						
14,	Acceptance Criteria	a. As per technical manual maximum operating pressure of radiator 4000 mba and maximum temperature is 107 C. Therefore, newly fabricated radiator must be tested at 150% of above mentioned parameters b. Upon provision of warranty certificate to ship staff for radiator. c. Radiator must be tested at 150% of above mentioned operating parameters. d. After completion of complete work as mentioned in S. No 6 'a' to 'h'						
15.	Any other info	Firm must visit onboard to meet exact requirement of ship and in case of any query contractor must contact MEO/ SS						

IT NO: IT/16/13/2024-25

IT SPECIFICATION FOR DEFECT RECTIFICATION OF MAIN REFRIGERATION PLANT NO 1 & 2 - PMSS DASHT

S No.	Description	
1.	Parent System	CLZ4 Marine Packed Refrigeration Plant
2.	Sub System	Compressor and Condenser
3.	Assy. Component	Compressor, Condenser, Valves, Refrigerant circuit
4.	Origin	China
5.	Make	Jiangsu Josun Air Conditioner Co., Ltd
6.	Model	CZLZ-4
7.	Quantity	02
8.	Technical specs (if any)	As per OEM Manual/ Specs
9.	Justification	Leakage from refrigerant circuit
10.	Scope of Work	 a. Inspection of complete gas circuit including evaporator condenser and compressor gas circuit lines of both the systems b. Replacement of both compressor and compressor Oil Sunisc (SL-32) c. Replacement of dry filter element and oil separator of both the systems c. Replacement of condenser along with valves of both of the systems d. 24 hour Nitrogen gas pressure test of both of the system for an leakages e. System Gas charging (R-404A) of both the systems by contractor during work and within warranty period whenever needed f. Satisfactory test/ trials of both the systems g. All tools and test equipments will be arranged by firm/ contractor
11.	Eligibilities	Reputable local contractor having working experience of Refrigeration Plant repairs onboard MPVs
12.	EDC	07 x Days
13.	Warranty	One Year warranty after test/ trials or as recommended by OEM without following defects: a. Satisfactory operation without refrigerant leakage b. Provision of gas whenever needed within warranty period c. Brazing of circuit whenever needed within warranty period
14.	Acceptance Criteria	a. OEM Certified spares. b. Upon scrutiny of item and provided documents i.e. technical specifications c. Satisfactory operation without high vibration and noise. d. Satisfactory operation without refrigerant leakage. e. Maintaining the temperature of Cold Room (-6C to -18C) and Cool Room (+12C to +6C)
15.	Any other Information	Damage/ defect occurred to system during work is responsibilit of contractor. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor.

IT NO: IT/16/14/2024-25

IT SPECIFICATION FOR CLEANING AND PAINT OF 16 X FUEL TANKS, 05 X FRESH WATE TANKS AND 06 MISC TANKS - PMSS DASHT

2.	Parent Equipment	16 X	16 X Fuel tanks, 05 X Fresh water tanks and 06 Misc tanks(Gray water								
	Sub-equipment	tank,	tank, dirty oil, sludge oil, bilge tank)								
3.	Assembly equipment										
	Make	CST		5. Model N/A							
6.	Quantity	27 x	Tanks	7.	The state of the s			ork pac	ork package		
	Work required/ Defect	Clear 05 x f	ning and paintwo	rk (k (including provision of paint) of 16 x fuel tanks						
9.	Detailed scope of	05 x fresh water tanks and 06 misc tanks Cleaning and paint work of following 27 x tanks									
1	work										
					aint	Paint Co		Area (m2)	Requirem (Liters)		
		a.	05 x Fresh water Tank	T	poxy Phenolic/ ank coating	TLA851/		364.7	72		
					poxy Phenolic/ ank coating	TLA850/1	TLS856	364.7	72		
		b.	09 x Fuel Tank & 06 x Header Tanks	E	poxy tank olding primer	THA700/	THA703	847.9	200		
				E	poxy tank olding primer	THA702/	TO MILLES	847.9	200		
		C.	01 x Fuel Tank (overflow)	H	poxy tank olding primer	THA700/	MILITAN SEES	24.6	5.8		
					poxy tank folding primer	THA702/	THA703	24.6	5.8		
		d.	02 x Grey water tank	E	poxy universal imer	KU606/KUA603		82.7	15.2		
				pr	poxy universal . imer	KU602/KUA603		82.7	15.2		
		e.	01 x Lube oil tank	H	poxy tank olding primer	THA700/THA703		21.2	5.0		
					ooxy tank folding primer	THA702/1	THA703	21.2	5.0		
		f.	01 x Dirty oil tank	p	ooxy universal rimer	KU606/KU	JA603	42.7	7.9		
9				pr	oxy universal imer	KU602/KU		42.7	7.9		
	The state of the s	g.	g. 01 x Sludge oil tank		oxy universal imer	KU606/KU	JA603	15.7	2.9		
	1 1 1 1 1				oxy universal mer	KU602/KU		15.7	2.9		
		h.	01 x Bilge tank	pri	oxy universal mer	KU606/KU	JA603	25.0	4.6		
					oxy universal	KU602/KL	JA603	25.0	4.6		
		TOTA						2849	626.8		

		(g) All spares, tools and test equipment are to be arranged by the firm (h) Any growth work/ damage will be soul responsibility of the firm
10.	Technical specs	As per OEM Manual/ Specs
11.	Eligibility criteria	a). Reputable local contractor having working experience on tanks cleaning and paint work onboard. b). Firm must visit site for understanding exact nature of work.
12.	EDC	ASAP(20 days)
13.	Warranty	One year after satisfactory cleaning and paint work.
14.	Acceptance criteria	Visual inspection alongwith paint film thickness testing by firm.
15.	Any other information	Firms are to visit site before quoting to fully understand scope of work

IT NO: IT/16/15/2024-25

IT SPECIFICATION FOR REPAIR/ MAINTENANCE AND INSTALLATION OF FRAMES AND SECURING OF DECK PLATES IN MACHINERY, TUNNEL AND SEAWAGE COMPARTMENTS - PMSS DASHT

S No	Description					
1.	Parent System	Machinery, Tunnel and Seawage Compartment				
2.	Sub system	Compartments				
3.	Assy Equipment	Frames and Deck Plates				
4.	Make	China Shipbuilding Trading Company Ltd				
5.	Model	Nil				
6.	Qty	660 Square Feet				
7.	Justification	FWT				
8.	Technical Specs	Installation of deck frames and securing of deck plates				
9.	Scope of Work	 i. Repair/ maintenance and securing of deck plates via stainless stee (grade 316L) machine screws (with oval head). ii. Modification in plates for securing requires drilling of holes (needed). iii. Installation/ fabrication of iron deck frames/ angles and other associated fittings. iv. Installation and sizing of deck plates and iron angles fro securing the plates. v. Removal and installation will be carried out by the firm. vii. All tools and equipments will be arranged by the firm. viii. Any growth work will be responsibility of firm. viiii. All spares and parts (Nuts/ Bolts etc) will be provided by the firm. 				
10.	Eligibilities	Any registered and security wise cleared local contractor, who ha good working experience of above mentioned work. Firm quoting without visiting site will be liable for rejection in TSR.				
11.	EDC	10 x Days				
12.	Warranty	02 x Years				
13.	Acceptance Criteria	Satisfactory work by the firm upto command satisfaction				
14.	Any other info	Coordinate MEO/ SS for better understanding of scope of work				

IT NO: IT/16/16/2024-25

IT SPECIFICATIONS FOR PURCHASE OF DINNING CHAIRS FOR DINNING HALL PMSS DASHT S. No IT SPECIFICATIONS Dinning Chairs Item Specifications 2 Imported Rexine Master Commander Foam Stand (Frame) of 20 MM Crum Polish N/A Sub system Standard Size (18 Width & 22 Ear x side) 4 Dimension/ Size Model 6 Quantity 35 in Number Dinning Chairs with Crum Polish Description The Firm should registered with PMSA and also NTN/ GST 8 Eligibilities registered. 15 Days after issuance of work/ confirmation order. 9 EDD 10. Warranty 01 Year 11 Acceptance criteria Accepted by Ship Staff (if any) 12 Any other relevant Firm must visit onboard for clarification of any query and understanding of requirement before quoting information

IT NO: IT/16/17/2024-25

IT SPECIFICATION FOR OVERHAULING OF FIRE MAIN PUMP - PMSS DASHT

S No.		Description				
1:	Parent Equipment	Fire main system				
2.	Sub Equipment	Fire main pump				
3.	Assembly component	Fire main pump				
4.	Make	Jiangsu Zhenhua Pump Industry Co. Ltd				
5.	Model	CLH80-65-5.5(Z)				
6.	Qty	01				
7.	Justification	Low discharge pressure.				
8.	Work required/ Defect	Replacement of degraded parts				
9.	Detailed scope of Work	a. Replacement of degraded impeller, impeller key and impeller housing with new. b. Replacement of old mechanical seal with high quality mechanical seal. c. Replacement of degraded seal rings with copper/ phosphorus bronze material seal rings. d. Replacement of degraded pump shaft with Stainless Steel (316L) material pump shaft. (if required). e. Replacement of pump bearing with SKF/ high quality bearing. f. Repair/ replacement of degraded pump body/ casing. g. Overhauling of motor (wiring/ insulation/ field balancing/ bearing). h. Repair/ replacement of degraded suction/ discharge lines. j. Precise alignment of pump with motor. k. Old bolts and nuts to be replaced with new Stainless steel (316L) bolts and nuts.				
10.	Technical Specs (if any)	As per OEM Manual/ Specs.				
11.	Eligibilities	Reputable local contractor having working experience of repair/ overhauling of sea water pumps onboard 6HT MPVs.				
12.	EDC	07 x days				
13.	Warranty	year warranty for satisfactory operation of pump without following defects: a. Seawater leakage from pump, mechanical seal and discharge valve. b. Increased vibration/ noise/ hard to rotate. c. Decreased discharge pressure. d. Provision of spares/ parts (Impeller/ Bearing/ O rings/ Seals) (whenever needed).				
14.	Acceptance Criteria	Satisfactory discharge pressure of 0.6 MPa. Satisfactory and smooth operation without high vibration and noise c. Satisfactory operation without sea water leakage.				
15.	Any other Information	Dismantling/ assembling/ installation and in way removal work is responsibility of contractor.				

IT NO: IT/16/19/2024-25

IT SPECIFICATIONS FOR OVERHAULING/ REPAIR OF PORT RHIB STERN DRIVE UNIT PMSS DASHT

S No	Description						
1.	Parent Equipment	PORT RHIB Boat					
2.	Sub Equipment	Stern Drive Unit					
3.	Assembly Component	Propeller shaft, Coupler spines, Drive sleeve, Thrust hub, Shaft anode, Body/ casing stern drive, coupler, Trim cylinder, Gimbal ring, Bell housing,					
4.	Model	4LHA-STP MerCruiser II OW900028					
5.	Make	Mercury					
6.	Quantity	01					
7.	Justification	Abnormal noise and behavior observed from stern drive unit with hydraulic oil leakage from drive casing					
8.	Work required	Inspection/servicing/ complete overhauling with testing of Stern Drive unit satisfactorily					
9.	Scope of work	a. All in-way accessories to be removed by the firm. b. Removal of Stern Drive for overhauling/ repairing and adjustment. c. Replacement of stern drive gear lube oil with rubber gasket and monitor cap. d. Replacement of Propeller, sealing washer, drain plug and vent plug. e. Replacement of Gearcase anodic plate, anode plate, mercathode system, anode kit, trim cylinder anodes, bearing carrier anodes, and shaf anode. f. Replacement of Ventilation plate anode, transom plate continuity wires and steering level continuity wire. g. Replacement of flywheel housing and screw & nuts, gimbal housing and ring ground wire and trim cylinder ground wire. h. Replacement of stainless steel hoses, throttle cable pivots and contact surfaces. j. Replacement of coupler spines, exhaust tube and shift cable bellows k. Replacement of Rear mount, bolts and transom plate mounts. I. Turbocharger to be checked for fair wear and tear. m. Intercooler to be dismantled for chemical cleaning. n. Fuel pump to be serviced. o. Tappet clearance/adjustment to be carried out. p. Shaft bearing inside the coupler to be dismantled and replaced. q. All accessories to be fitted back by the firm after repair. r. Growth work will be solely responsibility of firm. To avoid complication on later stage, firm is to visit ship before quoting for understandin removal/installation and maintenance scope.					
10.	Technical Specs	As per Technical Manual TPI 15503450001 M65P					
11.	Eligibility Criteria	Any reputable, qualified, registered and security wise cleared Local Contractor having relevant working experience					
12.	EDC	07 x Days					
13.	Warranty	01 x Year					
14.	Acceptance Criteria	Satisfactory operation/ running of the boat upto maximum Engine RPM i.e. 3500					
15.	Any Other Info	Coordinate MEO/ SS for scope of work understanding					

IT NO: IT/16/20/2024-25

IT SPECIFICATION FOR REPLACEMENT OF DIEF PANELS, ECMS, SENSORS, PLC AND DETAILED INSPECTION OF C9 CAT GENSET No. 1 & 3 – PMSS DASHT

S No)	Description	Straight Tollies and Service Report Straight Character				
1	1.	Parent Equip.	GENSET No 1 & 3 and Switchboard				
	2.	Sub Equipment	t Generator and Controls				
3	3.	Assm. Comp.	DIEF panels, ECMs, Sensors and PLC				
4	4.	Make	Caterpillar and Siemens				
5	5.	Model	C9 water and air cooled (C9Z05156 and C9Z05159) and T5N630 PR222DS/P-LSI630A SIEMENS SIMATIC S7-300				
6	3.	Quantity	02 x GENSETs items and 01 x Switchboard PLC				
7	7.	Justification	Sudden tripping of GENSETs due DIEF and ECM malfunctioning				
8	3.	Work required	Replacement of DIEF panels, ECMs PLC and Sensors and detailed inspection of GENSET				
).	Scope of work	a. Detailed health inspection of injectors and associated gear driven pumps of GENSET No. 1 & 3 b. Sharing of report indicating hidden defects and any unseen anomaly in the system. Report should also include recommendations for catering defects (if any). c. Replacement of complete DIEF panels with new OEM specified only for GENSET No 1 & 3 d. Replacement of ECMs (Engine Control Modules) with new OEM specified only for GENSET No 1 & 3 e. Replacement of Sensors (Lube Oil Press, Fuel Press (MBS 3100), Lube Oil Temp (MBS 5150 060N1072) and Atmospheric Temp) with new OEM specified only for GENSET No 1 & 3 f. Replacement of 02 x ABB T5N630 PR222DS/P-LSI630A (3 Phase SACE Tmax breaker with control device (motorize unit) with frame and accessories) with new of OEM only for GENSET supply to Main Switchboard. g. Replacement of SIEMENS SIMATIC S7-300 PLC (Programmable Logic Controlling) with new OEM specified only for Main Switchboard				
1	10.	Tech Specs	As per OEM specified only				
1	11.	Eligibilities	Reputable contractor having working experience of C9 Caterpillar Genset Siemens Switchboard PLC fitted on MPVs.				
1	12	EDC	10x Days				
1	13.	Warranty	01 x Year with supportability of any spares needed in warranty period				
1	14.	Acceptance Criteria	a. OEM Certified spares only (All spare part(s) used during defect rectification of GENSETs are to be procured through OEM local Rep M/s Allied Engineering Ltd.) b. Upon scrutiny of item and provided documents i.e. technical specifications c. Successful HATs and SATs upto satisfaction level d. SAT running of both GENSETs No 1 & 3 with no abnormal noise and vibration e. SAT parallel running of all GENSETs with no fluctuation/ hunting				
1	15.	Any other info	Contact SS/ MEO				

IT NO: IT/16/21/2024-25

IT SPECIFICATION FOR REQUIREMENT OF HEILA HYDRAULIC CRANE SYSTEM INSTRUMENTAL PAINT WORK - PMSS DASHT

S No.	Description System						
1.	Parent system	HEILA Hydraulic Crane System					
2.	Sub system	Crane					
3.	Assy. Component	Crane Paint work					
4.	Make	Eway Marine (Hong Kong Co. Ltd)					
5.	Model	242SYF-5-00					
6.	Qty	01					
7.	Justification	FWT					
8.	Scope Of Work	Cleaning and Anti-rust painting as per prescribed paint scheme including following: a. Complete Paint/ Rust removal of entire system including motors fitted b. Replacement of eroded parts/ components(i.e. 316L ferules of hydraulic pipes) as per design/ specification/ material c. Preparation of all surfaces including application of polygate filling prior paint work d. Single coat of Zinc chromate primer via spray gun e. Application of OEM recommended paint marine type Akzo Nobel Interthane 987/990- Grey & Black (3 x coats via spray gun) f Polishing of Entire system upon completion of paint work g. Removal and re-installation/ fitting of all in-way parts/ accessories is the responsibility of the firm. h. Provision of OEM authorized paint is the responsibility of the firm j. Any growth in scope of work will be the responsibility of contractor j. Defect rectification of any leakage or replacement of parts/ spares if needed					
9.	Eligibilities	The firm may visit onboard and carry out inspection to establish the extent of scope of work The firm should have expertise in quality paint work onboard ships					
10.	EDC	01 x week					
11.	Warranty	02 x Years					
12.	Acceptance	Satisfactory work done by the firm and completion by the enduser					
13.	Any Other Information	Coordinate SS					

IT NO: IT/16/22/2024-25

IT SPECIFICATION OF INFRARED NIGHT VISION SYSTEM - PMSS DASHT S No. Description Parent Equipment 1. Marine infrared night vision system 2. Sub equipment 3. Assembly component 4. Make CSSC 5. Model **HEOS-103** 6. Qtv 01 Justification i.e 7. Failure PMS/Failure/FWT etc 8. Technical Specs As per OEM Manual/ Specs (If any) 9. Work required/ defect Defect diagnosis/rectification of marine night vision system is required Detailed Scope of Satisfactory working of equipment 10. work 11. Eligibility criteria Reputable local contractor having working experience with PMSA. OEM authorized reps will be given preference 12. EDC ASAP (01 month) 13. Warranty 01 year 14. Acceptance Criteria a. **OEM Certified items** b. Items will be accepted after satisfactory test/ trials onboard C. OEM Technical documents of item d. Upon scrutiny of item and provided documents i.e. technical specifications along with production certificates and batch No. by OEM Items must be genuine. Local/ aftermarket products will not be accepted Firm must visit onboard for clarification of any 15. Any other relevant Information query and understanding of requirement before quoting. Onboard installation is responsibility of firm.

Note: 100% Payment after completion by CNA

Director General

Pakistan Maritime Security Agency Plot No 34-A, Dockyard Road KARACHI Telephone 021-48509194

Fax 99214625

E-Mail dpcc@pmsa.gov.pk

INVITATION TO TENDER GENERAL INSTRUCTIONS

1. CONDITIONS GOVERNING CONTRACT:

All Procurement / Repairs / Maintenance Contract, Local Purchase Order (LPO) and work ordered made as aresult of this IT shall mean the agreement entered into between the parties that is buyer and the supplier will be in accordance with the PPRA rules 2004 or any amendment issued from time to time. Therefore all open tender inquiry will be uploaded on PPRA Website and publish on print media as the case may be.

2. SUMBISSION OF TENDER:

Firms shall submit their offers in two separate envelopes clearly marked as "**Commercial Offer**" and "**Technical Offer**" for open tender. Both envelops shall be properly sealed bearing the signature of the bidder. Thereafter both these envelopes shall be placed in one bigger envelope. This envelope should bearthe address of the D (P&CC).

- a. **TECHNICAL OFFER:** Should contain all relevant details and specifications as per the IT specifications. Literature / Brochure or any other relevant technical details may also be included in it. Technical offer should not contain the price. Indication of price in technical offer may render it null and void. The word "Technical Offer" should be clearly mentioned alongwith the tender No anddate on the envelope containing the technical offer.
- b. **COMMERCIAL OFFER:** The price be quoted in figures as well as in words alongwith essential Literature / Brochures. The word "Commercial Offer", tender number should be clearly mentioned on the envelope. Taxes, duties, freight / transportation, insurance charges etc if any areto be indicated separately.
- c. **BID SECURITY**: All registered firms are exempted from provision of bid security upto Rs.500,000/- and unregistered firms have to provide bid security equals to 02% for bids amounting upto Rs.500,000/- in the shape of Pay Order in favor of "IT Sale Account DG PMSA". Furthermore, firms are required to deposit bid security not exceeding 05% of the bid price for bid value amounting more than Rs.500,000/-. Moreover, following guidelines will be followed:
 - i. 2% from registered firms.
 - ii. 5% from un-registered firms.
- d. Total price of the items quoted against the tender is to be clearly mentioned. It should also contains a **pay order 2% or 5% in the shape of pay order of the offered value** as earnest money. Cross cheque or cash is not acceptable in this case. The offer received without earnest money will be rejected.
- e. **SPECIAL INSTRUCTIONS:** Tender documents and its conditions may please be read point to point and understood properly before quoting. All tender conditions should be responded properly. In case of any deviation due to non-acceptance of tender conditions, the same should be highlighted alongwith changed offer / conditions. Tender may however be liable to be rejected.

PREPARATION OF OUOTATION

Please prepare quotation in this format In case of GST @ 18% or SST @ 15%:

S.NO	<u>Description</u>	<u>Unit Price</u>	<u>Qty</u>	<u>Total</u>	GST @ 18% or SST @ 15%.	<u>T/Price</u>

Please prepare quotation in this format In case of without GST or SST:

S.NO	Description	<u>Unit Price</u>	<u>Qty</u>	<u>Total</u>	T/Price

Without this format quotation will not be accepted.

3. DATE AND TIME FOR RECEIPT OF TENDER:

Tender must be dropped in tender Box placed at main gate. HQ PMSA will not accept any excuse of delay occurring due to whatsoever reason. Tender received after the time indicated in IT will not be entertained. The tender opening time, however, fall on next working day in case of closed / forced holiday or any other unforeseen event. Only authorized representatives of firm will be allowed to attend tender opening. The tender received through Fax, E-Mail will not be acceptable.

4. TENDER OPENING:

Technical offer will be opened as per scope of work on the date and time mentioned in the tender. Commercial offer shall be retained with technical officer. It will be opened at a later stage. All technical offers will be scrutinized by a Technical Scrutiny Report (TSR) committee nominated by HQ PMSA. The offers which are not as per the IT specification will be rejected. The firms recommended by TSR Committee will be allowed to attend the commercial opening for which date and time will be intimated separately.

5. VALIDITY OFFER:

The validity period of quotations must be indicated and should invariably be for 90 days extendable to 30 days from the date of opening of Technical offer.

6. **OUOTING OF RATES:**

Unit price of the item, GST/ SST or any other Govt tax and Total price all these should be indicated separately in Pak Rupees in a very clear manner as follows:

S No Description Qty U/Price GST/SST/Taxes Total Price

7. ATL/ GST/ SST/ INCOME TAX NUMBER:

Only registered suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to supply goods/ services to Government department. GST/SST and income tax number be clearly indicated on the quotations and all other relevant documents.

8. RETURN OF EARNEST MONEY:

- a. Earnest money to the unsuccessful bidders will be returned **one week** after commercial opening date.
- b. Earnest money to the firm who has won the purchase order/ work order & contract will be enturned on submission of Bank Guarantee as per the contract.

9. TENDER FEE:

Each technical offer must be accompanied with Cash of **Rs.1,000**/- nonrefundable as tender fee (In favour of IT Sale Account DG PMSA) (**Separate Quotations required for each IT Specification**).

10. INSPECTION AUTHORITY:

Joint inspection of stores provided and work done will be carried out by committee appointed by HQ PMSA or as per the contract.

11. CONDITION OF STORES:

Spares, Stores, items and work done will be accepted on Warranty / Guarantee of the firm onForm DPL-15.

12. **DOCUMENTS REQUIRED:**

Following documents are required to be submitted alongwith the quotes where applicable:

a. OEM / Authorized Dealer/Agent Certificate alongwith OEM Dealership Evidence as applicable.

b. The Supplier is to provide OEM conformance certificate. In case of Fax or e-mail hard copy of conformance certificate must follow. On receipt of this PMSA HQ may approach the OEM to confirm the veracity of the documents submitted. Companies / firms rendering false OEM conformance certificate will be penalized as per rules in voque.

13. SECURITY DEPOSIT / BANK GUARANTEE:

To ensure timely and correct supply of stores the firm will furnish an unconditional Bank Guarantee (BG) from a schedule bank for an amount of **10%** of the contract value (excluding taxes, duties / freight handling charges on a stamp paper of the value of (Rs.100/00) as per prescribed format in the shape of Bank Guarantee. Format of Bank Guarantee is at Annex "B". Furthermore, it is imperative to mention that deposit of PBG for HMI and Core Exchange cases will be equal to the total value of engine.

14. CURRENT BANK STATEMENT:

For all contracts of Rs 1,000,000/- or more the firm is required to submit current bank statement of the firm.

15. INTEGRITY PACT:

Procurement exceeding Rs 1.00 M shall be subject to an integrity pact, between the Buyer and the Suppliers or Contractors.

16. **CORRESPONDENCE:**

All correspondence will be addressed to the Buyer. Correspondence with regard to payment or issue of delivery receipt may be addressed to D (P & CC) PMSA Karachi.

17. PRE SHIPMENT INSPECTION:

PMSA may send a team of Officers for the inspection of Major Equipment and Machinery items at OEM premises for inspection before dispatch if required at the Supplier's cost and arrangement.

18. AMENDMENT IN CONTRACT:

Contract may be amended / modified to include fresh clause modify the existing clauses with the mutual agreements by the Supplier and the Buyer such modifications shall form an integral part of the contract.

19. **DISCREPANCY**:

The Buyer will render a discrepancy report to all concerned within 45 days after receipt of stores for discrepancies found in the consignment. The quantities found short are to be made good by the Supplier free of cost.

20. PRICE VARIATION:

Price offered against IT are to be firm and final.

21. LIOUIDATED DAMAGES (LD):

Liquidated Damages upto 2% per month are liable to be imposed on the Suppliers by the Buyer in accordance with PPRA rules, if the stores supplied after the expiry of the delivery date without any valid reason. Total value of the LD shall not exceed 10% of the contract value.

22. RISK PURCHASE:

In the event of failure on the part of Supplier to comply with the contractual obligations the contract will becancelled at the Risk and Expense of the Supplier in accordance with PPRA rules.

23. PENALTY:

In case of wrong supply of the item by the Supplier, a penalty of 10% of the contract value may be imposed by this HQ PMSA apart from any other penalties.

24. ALL RIGHTS RESERVED:

HQ PMSA may reject all bids or proposals at any time prior to the acceptance of a bid or proposal as per PPRA Rule 33(I).

25. PAYMENT:

The payment will be released through Controller of Naval Accounts (CNA) Karachi in Pak Rupees after completion of delivery / work.

26. **PARTIAL ORDER**.

All participating firms are to comply acceptance of partial order. Partial supply as per lowest rates will be awarded to the lowest bidder.

27. **DISOUALIFICATION:** Offers are liable to be rejected if:-

- a. Received after time and date specified in the IT.
- b. Offers are found conditional or incomplete in any respect.
- c. There is any deviation from the General / Special / Technical Instructions contained in this tender.
- d. Taxes and duties, Freight, Transportation and Insurance charges not indicated separately as per required price breakdown mentioned above.
- e. Pay Order with Commercial Offer and Cash with Technical Offer is not received.
- f. Multiple rates quoted against one item.
- g. Manufacture's relevant Brochures and technical details on major equipment, assemblies are not attached in support of specification.
- h. Offers (Technical / Commercial) are containing amendments / corrections / overwriting etc.
- j. National Tax No (NTN) and GST/SST No are not indicated on technical and commercial offer.
- k. If validity of offer is not quoted as required in IT or made subject to confirmation late.