

**SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 20 x IT SPECIFICATIONS**

**IT NO : IT/14/01/2024-25**

**IT SPECIFICATIONS OF UPS HQ PMSA/ OPS ROOM**

S.No	DESCRIPTION	
1.	Unit/ ship name	HQ PMSA
2.	Parent Equipment	HR 1110 XL, 10 KWA
3.	Sub Equipment	HR 1110 XL 10 KVA
4.	Quantity	02x UPS HR 1110 XL, 10 KWA
5.	Justification	UPS continuously beeping and Display LCD defective and power ON/OFF button not working
6.	Work required/ defect	Detail fault diagnosis alongwith defect rectification is required for sat ops of UPS
7.	Detailed scope of work	<ul style="list-style-type: none"><li>✓ a) Fault is to be identified</li><li>✓ b) Defect is to be rectified</li><li>✓ c) UPS to be made operational with optimal performance</li><li>✓ d) Any removal/ transportations would be responsibility of the firm</li><li>✓ e) Any additional work (if required) not mention in scope of work will be done by the firm without any growth work</li></ul>
8.	Eligibilities	Any PMSA authorized contractor
9.	EDC	01 weeks after award of contract
10.	Warranty	01 year
11.	Acceptance Criteria	Firm must visit to ascertain exact scope of work.
12.	Any other relevant information	SS may be contacted for any further query/ requirement. (PoC Lt Umar PN 03335153573)

**IT NO : IT/14/02/2024-25**

**D(MT)**

**IT SPECIFICATION FOR PURCHASE OF TYRES**

1.	SYSTEM	TYRES OF MT VEHICLE			
2.	MAKE	KIA			
3.	MODEL	2003			
4.	VEHICLE NO / TYPE	030212 MS KIA SPORTAGE			
5.	TYPE OF TYRES REQUIRED	BRIDGESTONE /DUNLOP EQUIVALENT			
6.	ITEM DESCRIPTION	S No	PATT/PART NO	DESCRIPTION	QTY
		a.	SIZE:215 R 15	Tubeless	04
7.	TECHNICAL SPECIFICATIONS	AS PER SPECIFICATION			
8.	PRELIMINARY INVESTIGATION BY SHIP'S STAFF	D(MT) & MTO STAFF			
9.	ELIGIBILITY	REGISTERED CONTRACTOR			
10.	EDD	15-DAYS			
11.	WARRANTY	01 YEAR			
12.	ACCEOTABCE CRITERIA	ON BOARD / SHELF LIFE NOT MORE THAN 06 MONTH			
13.	ANY OTHER RELEVANT INFORMATION	WHEEL ALIGNMENT / BALLANCING AFTER FITTING NEW TYRES IS REQUIRED. AUTHORIZED DISTIBUTER CERTIFICATE IS REQUIRED			

IT NO : IT/14/03/2024-25

REPAIR/MAINTENANCE OF MOC DOORS OF HQ PMSA OPS ROOM – D(MCW)

IT SPECIFICATION

S No	IT SPECIFICATION	
1.	Description	Maritime Operation Centre
2.	Make	2018
3.	Qty	02
4.	Scope of work	Repairing of air tight rubber and iron pieces around the front & rear doors
5.	Eligibilities	Any PMSA Contractor
6.	EDC	30 Days
7.	Warranty	Company Warranty
8.	Acceptance Criteria	Inspection by end user
9.	Any other relevant information	In case any query please contact PMSA OPS ROOM 021-48508851

IT NO : IT/14/04/2024-25

D(MT)

IT SPECIFICATIN COMERCIAL REPAIR CASE VEHICLE NO 190417 MS TOYOTA COASTER

1.	SYSTEM	COMERCIAL REPAIR
2.	MAKE	TOYOTA
3.	MODEL	2019
4.	VEHICLE NO	190417 MS
5.	ITEM DESCRIPTION	Work Description <u>Following items will be repair/replaced:</u> Roof Repair & Maintenance
6.	TECHNICAL SPESIFICATINOS	MATERIAL AS PER EXISTING
7.	PRELIMINARY INVESTIGATION BY SHIPS'S STAFF	D(MT) / MTO STAFF
8.	ELIGIBILITY	REGISTERED CONTRACTOR
9.	EDD	30 DAYS
10.	WARRANTY	WARRANTY 12 MONTHS
11.	ACCEPTANCE CRITERIA	STAGE INSPECTION BY END USER
12.	ANY OTHER RELEVANT INFORMATION	N/A

**IT SPECIFICATION FOR PURCHASE OF TYRES**

1.	SYSTEM	TYRES OF MT VEHICLE		
2.	MAKE	ISUZU WATER BOWZER		
3.	MODEL	2017		
4.	VEHICLE NO / TYPE	170329 MS ISUZU WATER BOWZER		
5.	TYPE OF TYRES REQUIRED	BRIDGESTONE /DUNLOP EQUIVALENT		
6.	ITEM DESCRIPTION	<b>S No</b>	<b>PATT/PART NO</b>	<b>DESCRIPTION</b>
		a.	SIZE:10.00-20 16 PR	Tube
				<b>QTY</b>
				06
7.	TECHNICAL SPECIFICATIONS	AS PER SPECIFICATION		
8.	PRELIMINARY INVESTIGATION BY SHIP'S STAFF	D(MT) & MTO STAFF		
9.	ELIGIBILITY	REGISTERED CONTRACTOR		
10.	EDD	15-DAYS		
11.	WARRANTY	01 YEAR		
12.	ACCEPTANCE CRITERIA	ON BOARD / SHELF LIFE NOT MORE THAN 06 MONTH		
13.	ANY OTHER RELEVANT INFORMATION	WHEEL ALIGNMENT / BALLANCING AFTER FITTING NEW TYRES IS REQUIRED. AUTHORIZED DISTIBUTER CERTIFICATE IS REQUIRE		

**IT SPECIFICATION FOR PROCUREMENT OF TUBE RODS AND CHOKES - PMSS RAFAQAT**

1.	Parent Equipment	Lighting System		
2.	Sub Equipment	Tube Rods and Chokes		
3.	Make	Phillips		
4.	Model & Quantity	a.	Tube Rod 54 Watt 110 VAC 46 Inch	24 in No
		b.	Tube Rod 10 Watt 110 VAC 12 Inch	50 in No
		d.	Tube Rod Blast Choke 54 Watt 110 VAC	20 in No
		e.	Tube Rod Blast Choke 18 Watt 110 VAC	30 in No
5.	Justification i.e.PMS /Failure/ FWT etc	Against Survey		
6.	Work Required/Defect	Procurement of tube rods and chokes		
7.	Detailed scope of work	Procurement of tube rods and chokes include under mentioned jobs.		
		a. Procurement of tube rods and chokes as mentioned above.		
		b. Tube rods and chokes must be 110 VAC 60 Hz compatible.		
		c. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the firm.		
		d. Requirement of external services, if any will be responsibility of the firm without any liability on the part of ship.		
8.	Technical specification	Input Supply	110 VAC 60 Hz	
9.	Eligibility Criteria	i.	The firm should visit onboard and carry out inspection to establish the extent of required work.	
		ii.	The firm should have experience of the same kind of work.	
		iii.	The firm should be NTN/GST registered.	
10.	EDC	10 days		
11.	Warranty	1 Year		
12.	Acceptance Criteria	Satisfactory operation tube rods and chokes onboard ship		
13.	Any other relevant information	NA		

**IT NO : IT/14/07/2024-25**

**PMSS KASHMIR**

**IT SPECIFICATION: CONDUCT OF PMS ROUTINE RELATED TO HYDRAULIC/  
PRESSURE HOSES**

1.	System	Pressure/ Hydraulic Hoses
2.	Sub system	Main Engines, CPP, Steering, Stabilizers and HPAC
3.	Assembly Component	Misc
4.	Make	Changzhou Huifeng Vessel Accessories Manufacture Co., Ltd
5.	Model	Misc
6.	Quantity	42
7.	Justification i.e PMS/ Failure/ FWT etc	PMS Routine
8.	Work Required/ Defect	Pressure Testing of hydraulic hoses required on different pressure
9.	Scope of Work	(i) Dismantling of Hoses (ii) Pressure Testing of hoses on different pressure (iii) Replacement of defective/ leak hoses (if required) (iv) Installation of Hoses with no leakages
10.	Technical Specs	As per Technical Manual
11.	Eligibility Criteria	(i) Have experience to work for ships (preferably PMSA ships). (ii) Company must be certified with HQ PMSA (iii) Company must be Income and Sales tax registered
12.	EDC	15 Days after confirmation of order
13.	Warranty	05 Year Pressure Testing Certification
14.	Acceptance Criteria (if any)	a. Certification of all hoses may be provided by reputable organization working on HP systems. b. Satisfactory trials for 2 weeks at sea/ harbor upto required pressure c. Any growth work will be bear by Firm
15.	Any other relevant information	Firm must visit onboard before providing quotation Contact: 0321-3000503

**IT NO : IT/14/08/2024-25**

**PMSA WAREHOUSE**

**IT SPECIFICATION FOR PURCHASE OF PAPER PHOTOSTAT 70 GSM BLC SIZE A4  
FOR ALL PMSA UNITS**

S No	IT SPECIFICATION	
1.	System	Paper Photostat 70 GSM Size A4, BLC 70 grm
2.	Sub System	N/A
3.	Make	BLC 70 grm
4.	Model	N/A
5.	Quantity	600 Ream
6.	Description	Purchase of 600 x Paper Photostat 70 GSM, Size A4 (210x297mm) Color White, each ream consist of 500 Sheets
7.	Eligibilities	The firm should registered in PMSA and also NTN / GST registered.
8.	EDD	07 Working Days after issuance of work / confirmation order
9.	Warranty / Guarantee	01 Year Warranty after delivery
10.	Acceptance Criteria	Accepted by PMSA Warehouse Staff

**IT NO : IT/14/09/2024-25**

**PMSS KASHMIR**

**IT SPECIFICATIONS FOR PROCUREMENT OF DIESEL GENERATOR RUBBER IMPELLERS**

1.	Parent Equipment	Main Diesel Generator	
2.	Sub Equipment	Sea water pump	
3.	Assembly Component	Rubber Impellers	
4.	Make	Cummins	
5.	Model	KTA-19 DM	
6.	Quantity	06	
7.	Justification	FWT	
8.	Work Required	Procurement/ installation of original imported rubber impellers	
9.	Scope of Work	As per S No 08	
10.	Technical specifications	<b>S No</b>	<b>Description</b>
		a.	No of Blade 09
		b.	Dia 117.6mm
		c.	Width 88.5mm
		d.	Shaft Dia 25mm
11.	Eligibility Criteria	(i). Have experience to work for ships (preferably PMSA ships). (ii). Company must be certified with HQ PMSA. (iii). Company must be Income and Sales tax registered.	
12.	EDC/ EDD	15 Days after award of contract	
13.	Warranty	1 Year	
14.	Acceptance Criteria	a. Original imported rubber impeller b. Technical specifications should be mentioned c. Upon scrutiny of items and provided documents along with OEM CoC.	
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)	

**IT NO : IT/14/10/2024-25**

**IT SPECIFICATION FOR PURCHASE OF 01 x NIHON KOHDEN CARDIAC MONITOR**

System	NIHON KOHDEN CARDIAC MONITOR
Location	SICKBAY PMSS INDUS
Quantity	01
Make	NIHON KOHDEN
Model	Life Scope G7 CSM-1702 Series
Technical Specification	Capable of accurate measurement/determination of Blood Pressure, Heart Rate, Oxygen Saturation and ECG Parameters for patients fine vital monitoring.
Eligibility	All Reputable GST Registered Firms/ Contractors/ Supplier
Compressor Warranty	03 years
EDD	01 Month
Acceptance Criteria	Test Trial by Sickbay Staff
Any other information	Item will only be accepted after satisfactory test/trials by Sickbay Staff
Term of Payment	100% Payment after installation

**IT SPECIFICATIONS – PROCUREMENT OF GL-5 GEAR OIL – PMSS NAZIM/ FRBs**

S No	Ship's Name	FRBs											
1.	Parent Equipment	OBM Engine											
2.	Sub Equipment	OBMs											
3.	Assembly Component	300 HP											
4.	Make	Yamaha, Japan											
5.	Model	DF 300AP											
6.	Quantity	50 ltrs											
7.	Justification i.e PMS/ Failure/ FWT etc	Critical requirement of <u>GL-5 gear oil</u> for PMS routines of OBMs.											
8.	Work Required/ Defect	Procurement of of GL-5 Gear oil for OBMs.											
9.	Detail Scope of Work	Procurement of of GL-5 Gear oil for OBMs.											
10.	Technical Spec	<table border="1"> <thead> <tr> <th>S#</th> <th>Part number</th> <th>NSN</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>b.</td> <td>99000-22B55</td> <td>9150765223106</td> <td>GL 5 GEAR OIL</td> </tr> </tbody> </table>				S#	Part number	NSN	Description	b.	99000-22B55	9150765223106	GL 5 GEAR OIL
S#	Part number	NSN	Description										
b.	99000-22B55	9150765223106	GL 5 GEAR OIL										
11.	Eligibilities	Any well-known national/ international firm having good experience for procurement of OBM engines and associated auxiliaries/ parts.											
12.	EDC	15 days											
13.	Warranty	One year after installation onboard.											
14.	Acceptance Criteria	Inspection by end user for international standard company.											
15.	Any other relevant information	Nil											

**IT SPECIFICATIONS FOR REPAIR/ MAINTENANCE OF 03 X SSDG (CUMMINS 6CT & 6BT) – PMSS REHMAT**

<b>S No</b>	<b>IT Specification</b>	
1.	Parent Equipment	Power Generation and Distribution System
2.	Sub Equipment	Ship Service Diesel Generators
3.	Assembly Components	Engine (Cummins)
4.	Make	USA
5.	Model	6CT & 6BT
6.	Quantity	03 x SSDG's
7.	Justification i.e PMS/ Failure/ FWT etc	PMS routines (MOP 013, 014, 015, 016) are due as per MMS-5
8.	Work required/ Defect	Overhauling of sea water pump, calibration of pressure and temperature gauges, test and calibrate of fuel injectors and pumps with adjustment of valve clearance is required.
9.	Technical Specification	Sea water pressure : 0.8-1.5 bar Lub oil pressure: 1.5-5.5 bar Lub oil temperature: 90-95 Fresh water temperature: 80-85 Exhaust temperature: 200-550 147HP, 1500 RPM, 380V, 50HZ, 3 PHASE
10.	Scope of work	Following work is required to be undertaken for the repair/ maintenance of 03 x SSDG's:  a. 03 x Sea water pumps are to be removed for overhauling and refitted.  b. Sea water pumps belts are to be replaced.  c. 06 x Temperature gauges to be calibrated/ replaced.  d. 03 x lub oil pressure gauges to be calibrated/ replaced.  e. Fuel injectors of 03 x SSDG's to be tested/ calibrated for good fuel spray pattern.  f. Valve adjustment/ tappet clearance to be carried out after fitting of fuel injectors.  g. Timing belts of 03 x SSDG's to be replaced.  h. All spares, tools, special equipment/ tools, accessories etc. required for said repair/ maintenance are to be arranged by Firm.  j. Any damage/ defect/ wear tear occur during course of removal, repair and installation of system/ equipment's will be

		repaired/ met by Firm.
		k. Requirement of external services, if required, will be responsibility of Firm.
11.	Eligibility Criteria	<p>a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work.</p> <p>b. Firms not undertaking the visit onboardship to see extent of work will not technically qualify.</p> <p>c. The firm must have sufficient experience of same kind of work.</p> <p>e. The firm should be NTN/ GST registered</p>
12.	EDC	15 x working days after issuance of work/ confirmation order
13.	Warranty	01x year
14.	Acceptance criteria	<p>a. Sea water pressure : 0.8-1.5 bar  Lub oil pressure: 1.5-5.5 bar  Lub oil temperature: 90-95  Fresh water temperature: 80-85  Exhaust temperature: 200-550  147HP, 1500 RPM, 380V, 50HZ, 3 PHASE</p> <p>b. Satisfactory operation of equipment.</p> <p>c. Acceptance by SS</p> <p>d. Satisfactory HAT's &amp; SAT's at load.</p>
15.	Any other relevant information	



**IT SPECIFICATION FOR FENDER MARINE - PMSS REHMAT**

<b>S No</b>	<b>IT SPECIFICATIONS</b>	
1.	Parent Equipment	Fender Marine (2040-00-807-4197)
2.	Sub Equipment	-
3.	Assembly Component	-
4.	Make	USA
5.	Model	-
6.	Quantity	02
7.	Justification i.e PMS Failure	Current Fenders Marine has been declared BER
8.	Work Required	Procurement of new Fenders Marine
9.	Detailed scope of Work	Procurement and Installation of new Fenders Marine
10.	Technical Specs (If any)	Size: D600xL900mm Standard reaction force, Material: cover rubber, Filling: closed-cell eva foam. Swivel with shackle.2pcs, q235hdg Fender body color: black/gray Data sheet is attached with rwims
11.	Eligibility Criteria	a. Firm Should be NTN/GST registered
12.	EDD	30 Days after LPO
13.	Warranty	As per Company Policy
14.	Acceptance Criteria (If any)	After Physical Inspection
15.	Any other relevant information	NIL

**PROCUREMENT OF 20 X BATTERIES FOR UPS – PMSS HINGOL**IT SPECIFICATIONS

S No	Description	
1.	Parent Equipment	UPS
2.	Sub Equipment	Batteries
3.	Model	OSAKA/ AGS/ EXIDE/ FEEJI/ LIDO
4.	Quantity/Item Details	a. 12V 18A = 12 b. 12V 12A = 04 c. 12V 7A = 04 Total = 20 ✓
5.	Justification	Fair wear and tear due prolonged usage
6.	Work required/Defect	Procurement of batteries
7.	Scope of work	a. Procurement of above mentioned batteries through OEM b. Satisfactory trials onboard ship
8.	Technical Specifications	As per OEM specification
9.	Eligibility Criteria	Reputable local contractor having working experience with PMSA. OEM authorized reps will be given preference
10.	EDC	14 days
11.	Warranty	01 Year
12.	Acceptance Criteria	a. OEM certified item b. Item will be accepted after satisfactorily test/trials onboard. c. OEM technical documents/ warranty certificate of items required. d. Upon scrutiny of items and provide documents i.e technical specification along with production certificate and batch No by OEM. e. Item must be genuine and OEM Packed. Aftermarket products and items will not be accepted. f. Initial charge/ commissioning of batteries is contractor's responsibility. g. Firm is to arrange battery capacity test for new batteries in presence of staff. h. Battery capacity test certificate of battery is to be provided by the firm j. Firm is to attach offered battery OEM part catalog/ brochures, technical quotations. Firm not providing quoted battery IPCs in technical quotations are liable for rejection in TSR.
13.	Any Other Relevant Information	a. Firm must visit onboard for Clarification of any query and understanding of requirement before quoting. b. Onboard installation is responsibility of Firm and any growth work, if any is responsibility of Firm. c. Old batteries is property of the ship. d. Any growth work due workmanship of firm will be firm responsibility.



## IT SPECIFICATION OF ELECTRO HYDRALIC CRANE - PMSS SABQAT

10

## IT SPECIFICATIONS

Parent Equipment	Electro Hydraulic crane
Sub equipment	Hydraulic Ram (Boom)
Assembly component	Electro Hydraulic crane
Make	Appleton Marine USA
Model	WI 54913
Quantity	01 x Nos
Justification i.e PMS/ Failure/FWT etc	Hydraulic Ram (Boom) Balancing control valve
Work Required/ Defect	Required for satisfaction operation
Detailed scope of work	<p>Following work is required to be:</p> <ol style="list-style-type: none"> <li>Removal of defective Hydraulic Ram from system.</li> <li>Repair/ replacement of balancing control valve</li> <li>All material spare, tools special equipment tool accessories required for said work are to be arranged by the contractor. Any damage occurs during the course of removal and installation work will be done by the firm without any liability/ responsibility on part of the ship/ PMSA.</li> <li>Requirement of the external services if required will be responsibility of the firm without any liability on part of the ship</li> </ol>
Technical Specs (If any)	<p>Following are technical specifications:</p> <ol style="list-style-type: none"> <li>Supply lion working pressure 2500 PSI</li> <li>Flow rate 05 GPM</li> <li>Return line working pressure 500 PSI</li> <li>Flow rate 7.5 GPM</li> <li>Material Mild Steel</li> </ol>
Eligibility Criteria	<p>Following eligibility criteria to be ensured:</p> <ol style="list-style-type: none"> <li>The firm should visit onboard and carry out inspection to establish the extent of required work.</li> <li>The firm should have experience of the same kind of work.</li> <li>The firm should be NTN/GST registered.</li> </ol>
EDD	07 working days
Warranty	01 x year from the date of acceptance by end user
Acceptance Criteria (If any)	<p>Acceptance criteria is as follows:</p> <ol style="list-style-type: none"> <li>OEM certified material</li> <li>Satisfactory running trails</li> </ol>
Any other relevant information	NA

**IT SPECIFICATION FOR PURCHASE OF TYRES**

1.	SYSTEM	TYRES OF MT VEHICLE			
2.	MAKE	JINCHING VAN			
3.	MODEL	2017			
4.	VEHICLE NO / TYPE	170411, 170416 MS JINCHING VAN			
5.	TYPE OF TYRES REQUIRED	BRIDGESTONE /DUNLOP EQUIVALENT			
6.	ITEM DESCRIPTION	<b>S No</b>	<b>PATT/PART NO</b>	<b>DESCRIPTION</b>	<b>QTY</b>
		a.	SIZE:195/70 R 15 C	Tubeless	04
		b.	SIZE:195/70 R 15 C	Tubeless	04
7.	TECHNICAL SPECIFICATIONS	AS PER SPECIFICATION			
8.	PRELIMINARY INVESTIGATION BY SHIP'S STAFF	D(MT) & MTO STAFF			
9.	ELIGIBILITY	REGISTERED CONTRACTOR			
10.	EDD	15-DAYS			
11.	WARRANTY	01 YEAR			
12.	ACCEOTABCE CRITERIA	ON BOARD / SHELF LIFE NOT MORE THAN 06 MONTH			
13.	ANY OTHER RELEVANT INFORMATION	WHEEL ALIGNMENT / BALLANCING AFTER FITTING NEW TYRES IS REQUIRED. AUTHORIZED DISTIBUTER CERTIFICATE IS REQUIRED			

**IT SPECIFICATION FOR PROCUREMENT OF 08 x THORDON BEARINGS – PMSS ZHOB**

1.	Parent equipment	MAIN ENGINE		
2.	Sub-equipment	MAIN ENGINE SHAFT SYSTEM		
3.	Assembly Component			
4.	Make	Thordon bearings	5. Model	Part No <b>F3M290230 44 cm</b> Molded SXL tubes
6.	Quantity	08	7. Justification i.e PMS/ Failure/ FWT	(Dimension 290 x 230x 1000 mm) DED Work
8.	Work Required/ Defect	a. Procurement of 08 x Thordon bearings. b. Onboard installation and satisfactory test/ trials with defect free operation.		
9.	Detailed Scope of Work	a. Procurement of 08 x Thordon bearings. b. Onboard installation and satisfactory test/ trials with defect free operation c. Firm to use OEM genuine spare parts.		
10.	Technical Specs	As per OEM Manual/ Specs		
11.	Eligibility Criteria	Any reputable contractor having experience of shafts/ OEM authorized Rep having working experience with PMSA.		
12.	EDC / EDD	15 days or ASAP		
13.	Warranty	03 year after SATs		
14.	Acceptance Criteria	a. OEM Certified item. b. Technical specifications of item alongwith tech manual/ document to be provided by contractor. c. Onboard satisfactory test/ trials in presence of contractor's rep. d. Upon scrutiny of item and provided documents i.e. technical specifications alongwith production certificates and batch No. by OEM. e. Item must be genuine, packed and compatible with existing system. Aftermarket products and loose items will not be accepted f. Item will not be accepted incase wrong or non-compatibility		
15.	Any information other	Damage/ defect, if occurred within new or existing modules during installation and test/ trials will be vendor's responsibility. Same will be rectified by contractor free of cost		

**IT NO : IT/14/18/2024-25**

**D(MT)**

**IT SPECIFICATIN COMERCIAL REPAIR CASE VEHICLE NO 100401 MS HINO BUS**

1.	SYSTEM	COMERCIAL REPAIR
2.	MAKE	HINO BUS
3.	MODEL	2010
4.	VEHICLE NO	100401 MS
5.	ITEM DESCRIPTION	Work Description <b><u>Following items will be repair/replaced:</u></b>  SUSPENSIONAL WORK
6.	TECHNICAL SPESIFICATINOS	MATERIAL AS PER EXISTING
7.	PRELIMINARY INVESTIGATION BY SHIPS'S STAFF	D(MT) / MTO STAFF
8.	ELIGIBILITY	REGISTERED CONTRACTOR
9.	EDD	30 DAYS
10.	WARRANTY	WARRANTY 12 MONTHS
11.	ACCEPTANCE CRITERIA	STAGE INSPECTION BY END USER
12.	ANY OTHER RELEVANT INFORMATION	N/A

**IT SPEC FOR REPAIR/ MAINTENANCE OF EXHAUST LINE OF SSDG NO 3 -PMSS BARKAT**

1	Ship's Name	PMSS BARKAT
2	Parent Equipment/ System	SSDG NO 3
3	Sub Equipment/ system	SSDG Exhaust System
4	Assembly/Equipment	Exhaust Line
5	Make	DEUTZ (Germany)
6	Model	TD 226 V6
7	Qty	01
8	Justification	Exhaust Line observed deteriorated (teared off) and required to be repaired/ replaced for sat ops.
9	Work Required	Repair/ replacement of exhaust Line
10	Detailed Scope of Works	<ul style="list-style-type: none"> <li>a) Remove lagging &amp; cladding from Exhaust line</li> <li>b) Dismantle exhaust Line from. SSDG NO 3</li> <li>c) Inspect the line and repair/ replace if required.</li> <li>d) Clean sealing surface of line and install.</li> <li>e) Apply new lagging and cladding.</li> <li>f) New gasket, nuts and bolts (Stainless steel) to be used for installation.</li> <li>g) The firm will be arranged all spares, tools, accessories etc required for said job.</li> <li>h) The firm will be responsible for any damage, defect and wear tear occur during the removal and installation.</li> <li>i) The firm will be responsible for requirement of external services and removal of all associated accessories.</li> <li>j) The firm will be responsible for removal, repair and installation work as per standard SOPs/ OEM Manual.</li> </ul>
11	Technical Specs	Stainless steel line Inner dia 6" Outer dia 8"
12	Eligibilities	<ul style="list-style-type: none"> <li>a. The firm must visit onboard and carry out diagnoses/ inspections to establish the extent of required work.</li> <li>b. The Firm must have experience of same kind of work.</li> <li>c. The firm should be NTN /GST registered</li> </ul>
13	EDC	10 x working days after issuance of work order
14	Warranty	01 Year
15	Acceptance criteria	<ul style="list-style-type: none"> <li>a. Satisfactory work done by the firm as per IT Specs.</li> <li>b. No exhaust leakage from line up to 1500 RPMs</li> </ul>
16	Any other Information	-

**IT SPECIFICATION FOR REPAIR/ MAINTENANCE OF STEERING SYSTEM- PMSS  
REHMAT**

S No	Specification	Remarks
1.	Parent Equipment	Steering system
2.	Sub Equipment	Steering Electrical Control System
3.	Assembly Components	Control panel and selector switch
4.	Make	China
5.	Model	Jiujiang instrumentation plant china
6.	Quantity	04 x control panels 03 x selector switches
7.	Justification i.e PMS/ Failure/ FWT etc	Steering control system observed malfunctioning during SOC's due FWT and failed to midship through wheel.
8.	Work required/ Defect	Steering control panels and selector switches to be repaired/ checked for sat ops
9.	Technical Specification	a. 380V, 27VAC, 27VDC b. 110VAC bridge c. Hydraulic oil pressure 20-25 bar.
10.	Detailed scope of work	<p>Following work is required to be undertaken for the repair/ maintenance of steering system:</p> <p>a. Repair/ replacement of remote control card.</p> <p>b. Replacement of 03 x selector switch to be carried out.</p> <p>c. Repair/ renewal of wires, lugs, strips, indications, switches to be carried out.</p> <p>d. Replacement of follow-up and non-follow up switches knob to be carried out.</p> <p>e. Servicing of 04 x control panel is to be carried out at ASP &amp; Bridge.</p> <p>f. 02 x hydraulic oil pressure gauges are to be replaced.</p> <p>g. Repair/ replacement of motor control change over switch to be carried out at ASP &amp; Bridge.</p> <p>h. Overhauling of synchro motors (feedback unit) and replacement of transistors to be carried out.</p> <p>j. Repair/ maintenance of limit switches.</p> <p>k. Inspection/ maintenance of solenoid switches to be carried out (if required).</p> <p>l. All cables should be marked properly w.r.t control diagram.</p> <p>m. All associated cable of steering control system and supplies should be properly secured as per marine standard.</p> <p>n. The firm should arrange spares, tools, accessories etc required for the said repair / maintenance work.</p> <p>o. Requirement of external services will be responsibility of the firm.</p>

11.	Eligibility Criteria	a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work and must have experience for steering control onboard corvettes. b. Income tax registered. c. Sales tax registered.
12.	EDC	20 x Working days after issuance of work/ confirmation order
13.	Warranty	01 Years
14.	Acceptance criteria	a. 380V, 27VAC, 27VDC b. 110VAC bridge c. Hydraulic oil pressure 20-25 bar. d. Satisfactory operation of equipment. e. Acceptance by SS
15.	Any other relevant information	-

**Note: 100% Payment after completion by CNA**



## Director General

Pakistan Maritime Security Agency

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### **INVITATION TO TENDER GENERAL INSTRUCTIONS**

#### **1. CONDITIONS GOVERNING CONTRACT:**

All Procurement / Repairs / Maintenance Contract, Local Purchase Order (LPO) and work ordered made as a result 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. SUBMISSION OF TENDER:**

Firms shall submit their offers in two separate envelopes clearly marked as "**Commercial Offer**" and "**Technical Offer**" for open tender. Both envelopes shall be properly sealed bearing the signature of the bidder. Thereafter both these envelopes shall be placed in one bigger envelope. This envelope should bear the 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 along with the tender No and date on the envelope containing the technical offer.
- b. **COMMERCIAL OFFER:** The price be quoted in figures as well as in words along with 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 are to 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 contain 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 along with changed offer / conditions. Tender may however be liable to be rejected.

#### **PREPARATION OF QUOTATION**

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

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

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

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

**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. QUOTING 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:

<b>S No</b>	<b>Description</b>	<b>Qty</b>	<b>U/Price</b>	<b>GST/SST/Taxes</b>	<b>Total Price</b>
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**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 returned 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 on Form 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 vogue.

**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. LIQUIDATED 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 be cancelled 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).

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**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. DISQUALIFICATION:** 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.