

SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 17 x IT SPECIFICATIONS

SINGLE STAGE SINGLE ENVELOPE

IT NO: IT/76/01/2025-26

IT SPECIFICATION FOR PURCHASE OF TYRES

S No	Details						
1.	Ships Name PMSS INDUS/ TPT						
2.	Parent Equipment WATER BOWZER						
3.	OEM ISSUZU						
4.	Model 2017						
5.	Origin PAKISTAN						
6.	Sub Equipment WATER BOWZER						
7.	Justification for Work Commercial repair of WATER BOWZER						
8.	Work Required Commercial repair of WATER BOWZER						
9.	<table border="1"><thead><tr><th>a Details of Repair Work Required</th><th>b Details of services Required</th><th>c Details of Spares Required</th></tr></thead><tbody><tr><td>-</td><td>1. Replacement of New Silencer 2. Air filter House Pipe 3. Rear Mud Guard Fabrication 4. Replacement of New Wind Screen 5. Replacement of 02 Glass Door with new machine. 6. Water Tank Stair Case Both Side Fabrication 7. Door Lock Replace 8. Complete New Wiring (When Required) 9. Air Filter New 10. Fuel Filter New 11. Minor Paint Work 12. Major Overhauling of Water Pimp</td><td>-</td></tr></tbody></table>	a Details of Repair Work Required	b Details of services Required	c Details of Spares Required	-	1. Replacement of New Silencer 2. Air filter House Pipe 3. Rear Mud Guard Fabrication 4. Replacement of New Wind Screen 5. Replacement of 02 Glass Door with new machine. 6. Water Tank Stair Case Both Side Fabrication 7. Door Lock Replace 8. Complete New Wiring (When Required) 9. Air Filter New 10. Fuel Filter New 11. Minor Paint Work 12. Major Overhauling of Water Pimp	-
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10.	Eligibility 1. The firm should be FBR/SBR registered 2. The firm should be registered with HQ PMSA/ Navy/ DP Navy						
11.	EDC 30 Days after Issuance of order						
12.	Warranty 01 Year after delivery/work						
13.	Acceptance Criteria Accepted by MTO PMSS INDUS & D (MT)						

FABRICATION AND INSTALLATION OF WASHROOM CABINETS OF OFFICER'S HEAD - PMSS KASHMIR

S No	Details												
1.	Ships Name PMSS KASHMIR												
2.	Parent Equipment Washroom cabinets of Officer's Head												
3.	OEM China												
4.	Origin China												
5.	Sub Equipment Washroom cabinets of Officer's Head												
6.	Assembly Component Washroom cabinets of Officer's Head												
7.	Quantity 2 x in No												
8.	Justification for Work Fabrication and installation of washroom cabinets of Officer's Head to have increased space												
9.	<table border="1"> <thead> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> </tr> <tr> <th>Defect/ Routine List</th> <th>Repair Work Required</th> <th>Services Required</th> <th>Spares Required</th> </tr> </thead> <tbody> <tr> <td>Fabrication and installation of washroom cabinets of Officer's Head to have increased space</td> <td>Fabrication and installation of washroom cabinets of Officer's Head to have increased space</td> <td>Fabrication and installation of washroom cabinets of Officer's Head to have increased space</td> <td>Nil</td> </tr> </tbody> </table>	a	b	c	d	Defect/ Routine List	Repair Work Required	Services Required	Spares Required	Fabrication and installation of washroom cabinets of Officer's Head to have increased space	Fabrication and installation of washroom cabinets of Officer's Head to have increased space	Fabrication and installation of washroom cabinets of Officer's Head to have increased space	Nil
a	b	c	d										
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Fabrication and installation of washroom cabinets of Officer's Head to have increased space	Fabrication and installation of washroom cabinets of Officer's Head to have increased space	Nil											
11.	Technical Specs As prescribed by SS												
12.	Eligibility Reputable local contractor having working experience with PMSA												
13.	EDC 20 x days												
14.	Warranty <ul style="list-style-type: none"> a. 3 x year warranty after satisfactory trials/ test b. Material will be replaced if deformity or wear is developed during warranty period 												
15.	Acceptance Criteria Satisfactory work as per provided sample												
16.	Any other relevant information <ul style="list-style-type: none"> a. Damage/ defect occurred to system during work is responsibility of contractor b. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor 												

IT NO: IT/76/03/2025-26
OVERHAULING OF BRIDGE DOORS (PORT & STBD) - PMSS KASHMIR

S No	Details			
1.	Ships Name	PMSS KASHMIR		
2.	Parent Equipment	Bridge Doors (Port and Stbd)		
3.	OEM	China		
4.	Origin	China		
5.	Sub Equipment	Overhauling of Bridge Doors (Port and Stbd)		
6.	Assembly Component	Overhauling of Bridge doors (Port and Stbd)		
7.	Quantity	2 x in No		
8.	Justification for Work	Overhauling and servicing of Bridge Doors (Port and Stbd)		
9.	Work Required	a	b	c
		Defect/ Routine List	Repair Work Required	Services Required
		Overhauling and servicing of Bridge doors (Port and Stbd)	Overhauling and servicing of Bridge doors (Port and Stbd)	Overhauling and servicing of Bridge doors (Port and Stbd)
10.	Detailed scope of work	a	b	c
		Details of Repair Work Required	Details of services Required	Details of Spares Required
		Overhauling and servicing of Bridge doors (Port and Stbd)	Overhauling and servicing of Bridge doors (Port and Stbd)	Door locks/ rubber seals
11.	Technical Specs	As prescribed by SS		
12.	Eligibility	Reputable local contractor having working experience in overhauling and servicing		
13.	EDC	10 x days		
14.	Warranty	a. 3 x year warranty after satisfactory trials/ test b. Material will be replaced if deformity or wear is developed during warranty period		
15.	Acceptance Criteria	Satisfactory work as per provided sample		
16.	Any other relevant information	a. Damage/ defect occurred to system during work is responsibility of contractor b. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor		

**OVERHAULING OF FRESH WATER & FLUSHING SYSTEM PUMPS ALONGWITH FABRICATION OF
PRESSURE TANKS - PMSS HINGOL**

S No	Details				
1.	Ships Name PMSS HINGOL				
2.	Parent Equipment Fresh water and flashing water systems.				
3.	OEM NANTONG HUAMENG SHIP MACHINERY CO. LTD				
4.	Model HMZZGS-01				
5.	Serial No Not Known				
6.	Origin CHINA				
7.	Sub Equipment Sea water/ fresh water supply device.				
8.	Assembly Component Sea water pump, fresh water pumps, pressure tanks, control system. Pressure switches, pressure transducers, safety valves, suction valves, gauges, check valves, sensors.				
9.	Part No. of Assembly Component As Provided by OEM				
10.	Quantity 01				
11.	Source of availability Local Engineering and Manufacturing Houses				
12.	Justification for Work Sea water/ fresh water supply device circuit deteriorated, leaky and performance degraded.				
13.	Work Required	A	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		Sea water/ fresh water supply device circuit deteriorated, leaky and performance degraded.	<ol style="list-style-type: none"> 1. Fabrication of new pumps bodies as per sample (Bronze) 2. Fabrication of new impellers as per sample(Bronze). 3. Replacement of old mechanical seals with high quality mechanical seal 4. Replacement of old worn out bearings with new SKF or other good bearing. 5. All old worn out gauges lines and adopters of pumps needs to be replace with new. 6. Precise alignment of pumps with motors. 7. Replacement of pressure tanks with new along with air bags. 8. Testing of all pressure switches, transducers and safety valves, replace if required. 9. Repair/ replacement 	Fabrication of new pumps bodies and impellers as per sample (Bronze). Replacement of mechanical seals, bearings, pressure tanks, air bags, stop check valves, check valves, nut & bolts defective gauges, lines and adaptors. Pumps alignment. Testing of all pressure switches, transducers and safety valves,	03 x pump bodies. 03 x impellers. 03 x mechanical seals. 09 x bearing. 02 x gauges. 03 x stop check valves. 03x check valves. 03 x pressure tanks along with air bags. 03 x pressure switches. 03 x transducers.

		<p>of all stop check valves.</p> <p>10. Repair/ replacement of all check valves.</p> <p>11. Corroded/ damaged bolts and nuts to be replaced with new stainless steel bolts and nuts.</p> <p>12. Overhauling of motors.</p> <p>13. Servicing of electric control system.</p> <p>14. In way assembly removal and reinstallation</p> <p>15. Any other leakage observed during dismantling/ installation work will be responsibility of firm.</p>	<p>replace required.</p> <p>Overhauling of motors.</p> <p>Servicing of electric control system.</p>	<p>if 03 x safety valves.</p> <p>Stainless steel bolts and nuts as per requirement.</p>
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		a	b	c
		Details of Repair Work Required	Details of services Required	Details of Spares Required
14.	Detailed scope of work	<p>1. Fabrication of new pumps bodies as per sample (Bronze)</p> <p>2. Fabrication of new impellers as per sample(Bronze).</p> <p>3. Replacement of old mechanical seals with high quality mechanical seal</p> <p>4. Replacement of old worn out bearings with new SKF or other good bearing.</p> <p>5. All old worn out gauges lines and adopters of pumps needs to be replace with new.</p> <p>6. Precise alignment of pumps with motors.</p> <p>7. Replacement of pressure tanks with new along with air bags.</p> <p>8. Testing of all pressure switches, transducers and safety valves, replace if required.</p> <p>9. Repair/ replacement of all stop check valves.</p> <p>10. Repair/ replacement of all check valves.</p> <p>11. Corroded/ damaged bolts and nuts to be replaced with new stainless steel bolts and nuts.</p> <p>12. Overhauling of motors.</p> <p>13. Servicing of electric control system.</p> <p>14. In way assembly removal and reinstallation</p> <p>15. Any other leakage observed during dismantling/ installation work will be responsibility of firm.</p>	<p>Fabrication of new pumps bodies and impellers as per sample (Bronze).</p> <p>Replacement of mechanical seals, bearings, pressure tanks, air bags, stop check valves, check valves, nut & bolts defective gauges, lines and adaptors. Pumps alignment.</p> <p>Testing of all pressure switches, transducers and safety valves, replace if required.</p> <p>Overhauling of motors.</p> <p>Servicing of electric control system.</p>	<p>03 x pump bodies.</p> <p>03 x impellers.</p> <p>03 x mechanical seals.</p> <p>09 x bearing.</p> <p>02 x gauges.</p> <p>03 x stop check valves.</p> <p>03x check valves.</p> <p>03 x pressure tanks along with air bags.</p> <p>03 x pressure switches.</p> <p>03 x transducers.</p> <p>03 x safety valves.</p> <p>Stainless steel bolts and nuts as per requirement.</p>
15.	Technical Specs	As per OEM manual.		
16.	Eligibility	Security wise clear firm having working experience on Sea water/ fresh water supply device onboard HINGOL CLASS MPVs of PMSA.		
17.	EDC	10 Days		
18.	Warranty	<p>One year warranty after satisfactory test / trials w.r.t:</p> <p>a. Satisfactory suction and discharge pressure of Sea water/ fresh water supply device.</p> <p>b. Satisfactory and smooth operation without abnormal noise and vibration.</p> <p>c. Satisfactory operation without any leakage from mechanical seals, pumps bodies, valves and gauges lines.</p> <p>d. Satisfactory operation of gauges after installation of gauges lines.</p> <p>e. Satisfactory operation of all pressure switches, transducers and safety</p>		

		<p>valves.</p> <p>f. Satisfactory operation of all pressure tanks and air bags without leakage.</p> <p>g. Satisfactory operation of electrical control system along with (PLC).</p> <p>h. If any abnormality observe in pumps/ motors all Valves, control system & safeties performance and leakages observe from pumps, mechanical seals, pumps bodies, gauges lines, all valves, pressure tanks, air bags, pressure switches, transducers will be rectified by the firm during warranty period.</p>
19.	Acceptance Criteria	<p>a. Satisfactory suction and discharge pressure of Sea water/ fresh water supply device.</p> <p>b. Satisfactory and smooth operation without abnormal noise and vibration.</p> <p>c. Satisfactory operation without any leakage from mechanical seals, pumps bodies, valves and gauges lines.</p> <p>d. Satisfactory operation of gauges after installation of gauges lines.</p> <p>e. Satisfactory operation of all pressure switches, transducers and safety valves.</p> <p>f. Satisfactory operation of all pressure tanks and air bags without leakage.</p> <p>g. Satisfactory operation of electrical control system along with (PLC).</p>

IT NO: IT/76/05/2025-26
PMS ROUTINE OF DAILY USE BILGE PUMP - PMSS KASHMIR

S No	Details						
1.	Ships Name	PMSS KASHMIR					
2.	Parent Equipment	DAILY BILGE PUMP					
3.	OEM	HEBEI HENGSHENG PUMPS CO. LTD.					
4.	Model	GCN35-1V-W102					
5.	Origin	China					
6.	Sub Equipment	Pumps and Motors					
7.	Assembly Equipment	Stator Rotor Bearing 6306 Bearing 3306 Mechanical Seal Belt Gasket 1 Gasket 2 Motor Bearing					
8.	Part No of Assembly Equipment	S No	PART NO	DESCRIPTION	Qty Req		
a.		G35-1-03	Stator		1		
b.		G35-1-04	Rotor		1		
c.		GB/T276-19946306	Bearing 6306		1		
d.		GB/T296-19943306	Bearing 3306		1		
e.		M32N-35G9L	Mechanical Seal		1		
f.		GB/T11544-1997L1143	Belt		2		
g.		G35-1-08	Gasket 1		1		
h.		G35-1-15	Gasket 2		1		
j.		GB/T276-19946206- 2RS/Z2	Motor Bearing 6206- 2RS/Z2		2		
9.	Source of Availability	OEM, Local Market					
10.	Justification for Work	PMS Routine No 3-4214-0000					
11.	Work Required	A	b	c	d		
		Defect List	Repair Work Required	Services Required	Spares Required		
		PMS	Overhauling of pump & motor required	Yes	As per S No 9		
12.	Detail Scope of Work	a	b	c			
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required			
		Overhauling of pump & motor required	Yes	As per S No 9			
13.	Technical Specs	S No	Description	Pump	Motor		
a.		Model	G35-1-00	Y100L-6-H			
b.		Type	Single Screw Pump	Marine three- phase asynchronous motor			
c.		Pressure	0.3 Mpa	NA			
d.		Power	NA	1.5 kW			
e.		RPM	650	940			
14.	Eligibilities	Reputable local contractor having working experience with PMSA.					
15.	EDC	30 Days after award of contract					

16.	Warranty	1 year
17.	Acceptance Criteria	<ul style="list-style-type: none">a. OEM Certified itemb. Firm will not be allowed to use ship tools and manpower

IT NO: IT/76/06/2025-26
REQUIREMENT OF NIKON DSLR CAMERA WITH LENSES – PMSS ZHOB

S No	Details				
1.	Ships Name	PMSS ZHOB			
2.	Parent Equipment	Nikon DSLR Camera			
3.	OEM	Nikon			
4.	Model	Nikon D750, D 850 or equivalent latest model			
5.	Sub Equipment	Nikon AF-S NIKKOR 70-200mm F/2.8E FL ED VR Lens Nikon AF-S NIKKOR 50mm F/1.8D 4GLens			
6.	Quantity	1 X Nikon DSLR Camera alongwith 2 X additional lenses			
7.	Justification for Work	For security surveillance			
8.	Work Required	a	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		N/A	Procurement of 1 x Nikon DSLR Camera alongwith 2 X additional lens	See S.No 14 Para b	See S.No 14 Para c
9.	Detailed scope of work	a	b	c	
		Details of Repair Work Required	Details of services Required	Details of Spares Required	
		Procurement of 1 x Nikon DSLR Camera alongwith 2 x additional lenses	(1) Procurement of 1 x Nikon DSLR Camera alongwith 2 x additional lenses (2) Onboard acceptance is responsibility of Firm.		N/A
10.	Eligibility	a. Have past experience w.r.t procurement of electronics items onboard PMSA Ships. b. Local contractor must visit ship to understand exact requirement/ scope of work.			
11.	EDC	7 Days			
12.	Warranty	1 year warranty for all mentioned works.			
13.	Acceptance Criteria	Upon successful completion of installation.			

IT NO: IT/76/07/2025-26
PURCHASE OF 20 X CRASH HELMETS - PMSS INDUS

S No	Details	
1.	Ships Name	PMSS INDUS/TPT
2.	Parent Equipment	Motor Cycles
3.	OEM	DOT JK 902, SCORPION
4.	Origin	Imported Japan
5.	Sub Equipment	Motor Cycles
6.	Quantity	20
7.	Justification for Work	For Rider Safety
8.	Eligibility	a. The firm should be FBR/SBR registered. b. The firm should be registered with HQ PMSA/ Navy/ DP Navy.
9.	EDC	30 Days after Issuance of Work order
10.	Warranty	01 Year after delivery/work.
11.	Acceptance Criteria	Accepted by MTO PMSS INDUS & D (MT)

S No	Details					
1.	Ships Name	PMSS BASOL				
2.	Parent Equipment	Pneumatic remote control valve				
3.	OEM	Jiangsu Shazhou valve Co. Ltd				
4.	Model	YKF-1				
5.	Origin	China				
6.	Sub Equipment	Pneumatic Centre-pivoted butterfly valve and control box,				
7.	Assembly Component	Bilge drainage system and fire water system				
8.	Part No. of Assembly Component	00-Q/SF-YKF				
9.	Quantity	01				
10.	Source of availability	Jiangsu Shazhou valve Co. Ltd				
11.	Justification for Work	As per PMS routines/ technical manual				
12.	Work Required	a	b	c	d	
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required	
		Nil	Yes	Yes	Yes	
13.	Detailed scope of work	a	b	c		
		Details of Repair Work Required	Details of services Required	Details of Spares Required		
		As per requirements	Inspect/ overhaul remote operation of pneumatic FF and Bilge valve encompasses following aspects: 1. Verify system is depressurized and safe to handle. Check air supply pressure is within operating range. 2. Inspect/ repair valve body and actuator for external leaks, rust, or damage including condition of pneumatic lines and fittings. 3. From the control station, operate the selected bilge valve remotely. Observe valve actuator movement and confirm valve opens/ closes correctly rectify if not. Repeat for all bilge valves under remote control.			

			<p>4. Confirm corresponding indicator lights/ signals at control panel. Cross-check valve position manually (locally) and measure pneumatic pressure at actuator during operation.</p> <p>5. If valve fails to operate or actuator stuck. loss of air and leakages record pressure readings and replace the defective parts.</p>	
14.	Technical Specs		As per technical manual of Pneumatic Valves.	
15.	Eligibility		Reputable local contractor having working experience of Pneumatic Valves.	
16.	EDC		01 Week	
17.	Warranty		01 Year	
18.	Acceptance Criteria		<p>a. Satisfactory operation of Pneumatic Valves,</p> <p>b. Successful trials by end user.</p>	

S NO	DETAILS			
1.	SHIPS NAME	PMSS NAZIM/ PMSA BASE GWADAR		
2.	QUANTITY	01		
3.	Justification for Work	The Structure of fueling point has become deteriorated. Despite its current severe condition, the fueling point remains in use, posing significant safety risk. Therefore, to mitigate this risk, repair/ maintenance of fueling point is essentially required.		
4.	Work Required	Following store items are required for repair/ maintenance of TPT Shed.		
		S No	Description	Quantity
		a.	Sand	1 X Dumper
		b.	TR Garders	07 (18 ft)
		c.	T Iron	26 (28 ft)
		d.	Cement Bag	40 in No
		e.	Slate Tiles	530 in No
		f.	Cemented Block	500 in No
		g.	Distemper	03 Buckets
		h.	Oil Paint	12 Liters
		j.	Lights	05 (24 W)
		k.	Electric Wiring	N/A
5.	Detailed scope of work	Firm is to visit and physically inspect the site.		
6.	Technical Specs	Length of fueling point roof: 28 ft Width of fueling point roof: 18 ft		
7.	Eligibility	Any local/ international well-reputed firm having experience for repair/ maintenance of shed.		
8.	EDC	15 days		
9.	Warranty	01 Year		
10.	Acceptance Criteria	Inspection by end user upon successful completion of work.		

IT NO: IT/76/10/2025-26
REPAIR/ MAINTENANCE OF SHIP'S PORT SIDE - PMSS KASHMIR

S No	Details					
1.	Ships Name	PMSS KASHMIR				
2.	Parent Equipment	Ship's Port Side Hull Repair				
3.	OEM	China				
4.	Origin	China				
5.	Sub Equipment	Ship's port side (8/3 feet)				
6.	Assembly Component	Ship's port side (8/3 feet)				
7.	Quantity	1 in No				
8.	Justification for Work	Survey / inspection/ Repair of ship's port side (8/3 feet) by cutting and fabricating/ installing metal plate				
9.	Work Required	a	b	c	d	
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required	
		Survey/ inspection/ Repair of ship's port side (8/3 feet) by cutting and fabricating/ installing metal plate	Survey / inspection/ Repair of ship's port side (8/3 feet) by cutting and fabricating/ installing metal plate	Survey/ inspection/ Repair of ship's port side (8/3 feet) by cutting and fabricating/ installing metal plate	Additional metal plate(s)	
10.	Detailed scope of work	a	b	c		
		Details of Repair Work Required	Details of services Required	Details of Spares Required		
		Survey / inspection/ Repair of ship's port side (8/3 feet) by cutting and fabricating/ installing metal plate	Survey/ inspection/ Repair of ship's port side (8/3 feet) by cutting and fabricating/ installing metal plate	Additional metal plate(s)		
11.	Technical Specs	As prescribed by SS				
12.	Eligibility	Reputable local contractor having working experience in fabrication of metal works				
13.	EDC	15 x days				
14.	Warranty	a. 3 x year warranty after satisfactory trials/ test b. Material will be reported if deformity or wear is developed during warranty period				
15.	Acceptance Criteria	Satisfactory work as per provided sample				
16.	Any other relevant information	a. Damage/ defect occurred to system during work is responsibility of contractor b. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor				

IT NO: IT/76/11/2025-26
REPAIR/ REPLACEMENT OF STAIRS - PMSS KASHMIR

S No	Details					
1.	Ships Name	PMSS KASHMIR				
2.	Parent Equipment	Repair/ replacement of stairs				
3.	OEM	China				
4.	Origin	China				
5.	Sub Equipment	Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck				
6.	Assembly Component	Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck				
7.	Quantity	6 in No				
8.	Justification for Work	Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck				
9.	Work Required	a	b	c	d	
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required	
		Above mentioned stairs on upper decks found deteriorated due sea spray/ weather conditions	Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck	Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck	Nil	
10.	Detailed scope of work	a	b	c		
		Details of Repair Work Required	Details of services Required	Details of Spares Required		
		Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck	Repair/ replacement of stairs from Bridge Wing to Bridge Top, Police Deck/ Funnel Deck			
11.	Technical Specs	As per sample of existing stairs				
12.	Eligibility	Reputable local contractor having working experience in repair/ replacement				
13.	EDC	20 x days				
14.	Warranty	a. 3 x year warranty after satisfactory trials/ test b. Material will be replaced if deformity or wear is developed during warranty period				
15.	Acceptance Criteria	Satisfactory work as per provided sample				
16.	Any other relevant information	a. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor				

IT NO: IT/76/12/2025-26
PROCUREMENT/ FITTING OF NEW GAUGES AND METERS - PMSS ZHOB

S No	Details				
1.	Ships Name	PMSS ZHOB			
2.	Parent Equipment	Pressure and Temperature Gauges & Meter			
3.	OEM	China			
4.	Sub Equipment	<u>Pressure and temperature gauges & meters</u>			
5.	Assembly Component	Pressure and temperature gauges & meters			
6.	Quantity	30 x Pressure and temperature gauges, 3 x meters			
7.	Justification for Work	Pressure and temperature gauges and meters mentioned as per attached list needs to be replacement/ fitting			
8.	Work Required	a Defect/ Routine List	b Repair Work Required	c Services Required	d Spares Required
Procurement fitting work of new 30 x gauges and 3 x meters		Pressure and temperature gauges and meters mentioned as per attached list needs to be replacement/ fitting through OEM/ local engineering house.	See S.No 14 Para b	See S.No 14 Para c	
9.	Detailed scope of work	a Details of Repair Work Required	b Details of services Required	c Details of Spares Required	
Pressure and temperature gauges and meters mentioned as per attached list needs to be replacement/ fitting through OEM/ local engineering house.		<p>a. Fitting of new pressure and temperature gauges and meters as per enclosed list</p> <p>b. Removal/ installation and isolation of system whose gauges are being removed.</p> <p>c. Provision of calibrations certificates of every gauge/ meter.</p> <p>d. All gauges/ meters are to be tested prior fitting.</p> <p>e. Any gauge/ meter which become defective during fitting are to be replaced by contractor free of cost.</p> <p>f. Zoning of gauges/ meters should be as per the requirement of SS.</p> <p>g. Contractor is to provide brazing/ repair works of associated gauges/ meters lines.</p> <p>h. Conduct of harbor and sea trials.</p>	30 x Temperature and pressure Gauges 3 x Meters		
10.	Technical	As per OEM Manual/ Specs			

	Specs	
11.	Eligibility	a. Company must be sales tax and income tax registered. b. Contractor is to mention/ verify the testing facility being utilized for calibration of gauges.
12.	EDC	15 Days
13.	Warranty	1-year
14.	Acceptance Criteria	a. Upon completion of work and successful HATs & SATs b. Successful trials by end user. c. QA/QC certificate issuance by QA/QC Deptt.
15.	Any other relevant information	a. Growth work, damage/ defect occurred during work is responsibility of contractor. b. Contactor may contact SS/ visit onboard ship to resolve any query.

LIST OF PRESSURE/ TEMPERATURE GAUGES AND METERS

S.NO	EQUIPMENT	SUB EQUIPMENT	LOCATION	GAUGE/ METER NAME	QTY	REMARKS
1.	Main Engine 1	SW Suction Line	FER	SW Inlet Pressure	01	
2.		Stern seal	Tunnel	Seal SW Pressure	01	
3.		--" --	Tunnel	ME SW Pressure	01	
4.	Main Engine - 2	SW Suction Line	FER	SW Inlet Pressure	01	
5.		Stern seal	Tunnel	Seal SW Pressure	01	
6.		--" --	Tunnel	ME SW Pressure	01	
7.	Main Engine - 3	SW Suction Line	AER	SW Inlet Pressure	01	
8.	Main Engine - 4	SW Suction Line	AER	SW Inlet Pressure	01	
9.	Starting Air Bottles	AFT SET	AER	ME-1 Starting Air	01	
10.		--" --	AER	ME-2 Starting Air	01	
11.	HPAC	AFT SET	AER	Discharge Pressure	01	
12.	GENSET - 1	SW System	FER	SW Inlet Pressure	01	
13.		--" --	FER	SW Outlet Pressure	01	
14.	GENSET - 2	SW System	AER	SW Inlet Pressure	01	
15.		--" --	AER	SW Outlet Pressure	01	
16.		Fuel System	AER	Fuel Inlet Pressure	01	
17.	GENSET-3	FWD Fuel Filter	DG-3	Fuel Filter Pressure	01	
18.	SW/ FW Device	---	FER	FW Suction Pressure	01	
19.		---	FER	FW Discharge Pressure	01	
20.	Pneumatic Quick Closing Valves		FER Lobby	PRV Pressure Gauge	01	
21.	Daily Bilge Pump	---	AER	Discharge Pressure STBD Side	01	
22.		---	AER	Discharge Pressure Port Side	01	
23.	R O PLANT	FWD Set	AER	Inlet Pressure	01	
24.	Drinking Water Treatment Device	---	AER	B/W Pre & Aft Filter	01	
25.	Luges & Fire Valves Panel	---	AER Lobby	PRV Pressure Gauge	01	
26.	Chiller SW PP	FWD	Sewage	Suction Pressure	01	
27.		---	Sewage	Discharge Pressure	01	
28.		AFT	Sewage	Suction Pressure	UI	
29.		---	Sewage	Discharge Pressure	01	

30.	Mini HPAC	---	---	Pressure gauge	01	
31.	Main Engine No 2	FWD	Bridge	RPM meter	01	
32.	Main Engine No 3	AFT	Bridge	RPM meter	01	
33.	Main Engine No 4	AFT	Bridge	RPM meter	01	

IT NO: IT/76/13/2025-26

REQUIREMENT OF ELECTRICAL ITEMS - PMSA BASE KETI BANDAR

S No	Details		
1.	Ships Name	PMSA Base Keti Bandar	
2.	Detailed scope of work	S No	Description
		a.	Multi sockets
		b.	LED lights (07 watt)
		c.	LED lights (10 watt)
		d.	Tubular battery covers (boxes)
		e.	Breaker with covers for split ACs (16 Ampere)
		f.	Breakers (60 Ampere) and wiring for main distribution box
		g.	Complete main distribution box (switch board)
		h.	Cable (7/29) from main breaker to DG room and Guard room
		j.	Cable (3/7) required for lighting circuit
		k.	Channel patty with steel hooks required for main cable from DG room to barracks
3.	Eligibility	Any good reputed firm	
4.	EDC	07 x Days	
5.	Warranty	01 x Year	
6.	Acceptance Criteria	Accepted by end user	

IT NO: IT/76/14/2025-26
REQUIREMENT OF TROLL BOOM (PART OF OSE) - HQ PMSA

S No	Details											
1.	Ships Name	PMSS INDUS										
2.	Origin	Pakistan										
3.	Sub Equipment	Troll Boom (6 x 50 Feet)										
4.	Justification for Work	Provision of Troll boom that is used to contain the oil over sea water during cleaning of oil spillage										
5.	Work Required	Provision of Troll boom that is used to contain the oil over sea water during cleaning of oil spillage.										
6.	Detailed scope of work	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">a</th> <th style="text-align: center;">b</th> <th style="text-align: center;">c</th> </tr> <tr> <th style="text-align: center;">Details of Repair Work Required</th> <th style="text-align: center;">Details of services Required</th> <th style="text-align: center;">Details of Spares Required</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">N/A</td> <td>Provision of Troll boom that is used to contain the oil over sea water during cleaning of oil spillage.</td> <td style="text-align: center;">N/A</td> </tr> </tbody> </table>	a	b	c	Details of Repair Work Required	Details of services Required	Details of Spares Required	N/A	Provision of Troll boom that is used to contain the oil over sea water during cleaning of oil spillage.	N/A	
a	b	c										
Details of Repair Work Required	Details of services Required	Details of Spares Required										
N/A	Provision of Troll boom that is used to contain the oil over sea water during cleaning of oil spillage.	N/A										
7.	Eligibility	All registered firms										
8.	EDC	15 x days										
9.	Warranty	03 x month										
10.	Acceptance Criteria	By end user										

IT NO: IT/76/15/2025-26
SUPPLY OF FRESH WATER AT KOFH

S No	Details	
1.	Ships Name	KOFH
2.	Quantity	As per Requirement
3.	Justification for Work	Supply of Fresh Drinking Water through Bowser to KOFH
4.	Work Required	The scope of work includes the supply and delivery of clean water to the location using a certified water bowser, ensuring timely and uninterrupted service as per the required schedule. The supplier shall maintain strict compliance with health, safety, and environmental standards, ensuring that the water is transported in sanitized, sealed tanks suitable for human consumption. Trained personnel must oversee the delivery operations, with appropriate PPE and adherence to site-specific safety protocols. The service must also include necessary safety and security measures for the protection of personnel, equipment, and water quality during transit and on-site delivery.
5.	Known Prices	Rate will be quoted as per US Gallon
6.	Technical Specs	Fitness certificate for human consumption form a Govt recognized lab for the supplied water.
7.	Eligibility	c. FBR & SRB registered firms d. Driver must have license (HTV) and well experienced
8.	EDC	01 x Month
9.	Warranty	01 x Year (extendible)
10.	Acceptance Criteria	a. Fitness certificate for human consumption from a Govt recognized lab for the supplied water. b. Provision of appox. 60-meter pipe/ flexible hose for suppling water along with suitable water pump. e. Police verification of the staff employed on duties is mandatory.

IT NO: IT/76/16/2025-26
SUPPLY OF FRESH WATER TO PMSA BASE KETI BANDAR

S No	Details	
1.	Ships Name	PMSA Base Keti Bander
2.	Quantity	As per Requirement
3.	Justification for Work	Supply of Fresh Drinking Water through Bowser to PMSA Base Keti Bander
4.	Work Required	The scope of work includes the supply and delivery of clean water to the location using a certified water bowser, ensuring timely and uninterrupted service as per the required schedule. The supplier shall maintain strict compliance with health, safety, and environmental standards, ensuring that the water is transported in sanitized, sealed tanks suitable for human consumption. Trained personnel must oversee the delivery operations, with appropriate PPE and adherence to site-specific safety protocols. The service must also include necessary safety and security measures for the protection of personnel, equipment, and water quality during transit and on-site delivery.
5.	Known Prices	Rate will be quoted as per US Gallon
6.	Technical Specs	Fitness certificate for human consumption form a Govt recognized lab for the supplied water.
7.	Eligibility	f. FBR & SRB registered firms g. Driver must have license (HTV) and well experienced
8.	EDC	01 x Month
9.	Warranty	01 x Year (extendible)
10.	Acceptance Criteria	a. Fitness certificate for human consumption from a Govt recognized lab for the supplied water. b. Provision of appox. 60-meter pipe/ flexible hose for suppling water along with suitable water pump. h. Police verification of the staff employed on duties is mandatory.

IT NO: IT/76/17/2025-26
SUPPLY OF FRESH WATER TO PMSA BASE ORMARA

S No	Details	
1.	Ships Name	PMSA Base Ormara
2.	Quantity	As per Requirement
3.	Justification for Work	Supply of Fresh Drinking Water through Bowser to PMSA Base Ormara
4.	Work Required	The scope of work includes the supply and delivery of clean water to the location using a certified water bowser, ensuring timely and uninterrupted service as per the required schedule. The supplier shall maintain strict compliance with health, safety, and environmental standards, ensuring that the water is transported in sanitized, sealed tanks suitable for human consumption. Trained personnel must oversee the delivery operations, with appropriate PPE and adherence to site-specific safety protocols. The service must also include necessary safety and security measures for the protection of personnel, equipment, and water quality during transit and on-site delivery.
5.	Known Prices	Rate will be quoted as per US Gallon
6.	Technical Specs	Fitness certificate for human consumption form a Govt recognized lab for the supplied water.
7.	Eligibility	i. FBR & SRB registered firms j. Driver must have license (HTV) and well experienced
8.	EDC	01 x Month
9.	Warranty	01 x Year (extendible)
10.	Acceptance Criteria	a. Fitness certificate for human consumption from a Govt recognized lab for the supplied water. b. Provision of appox. 60-meter pipe/ flexible hose for suppling water along with suitable water pump. k. Police verification of the staff employed on duties is mandatory.

SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 14 x IT SPECIFICATIONS

SINGLE STAGE DOUBLE ENVELOPE

IT NO: IT/77/01/2025-26

**CONDUCT OF 2000 SERVICE HOURS MAINTENANCE ROUTINES OF HYDRAULIC
FOLDABLE KNUCKLE CRANE - PMSS HINGOL**

S No	Details				
1.	Ships Name	PMSS HINGOL			
2.	Parent Equipment	Hydraulic Foldable Knuckle Crane			
3.	OEM	EWAY MARINE (HONGKONG) CO. LIMITED			
4.	Model	TME-2-FS16-DE-SX			
5.	Serial No	Not known			
6.	Origin	China			
7.	Sub Equipment	Hydraulic, structure, safety.			
8.	Assembly Component	Hydraulic hoses, all type of seals, all type of safeties, complete structure.			
9.	Part No. of Assembly Component	As Provided by OEM			
10.	Quantity	01			
11.	Source of availability	Local Engineering Houses			
12.	Justification for Work	2000 service hour's maintenance routine PM-024 is due.			
13.	Work Required	a	b	c	
		Defect/ Routine List	Repair Work Required	Services Required	
		2000 service hour's maintenance routine PM-024 is due.	1. Inspection of crane structure and dynamic tests. 2. Replacement of stickers. 3. Checking of articulation plays and, if necessary, replace brasses. 4. Inspection of hydraulic seals fitted with hydraulic motor and hydraulic cylinders, if	Conduct of 2000 service hours maintenance routine PM-024.	All spares as per 2000 service hours maintenance routine PM-024.

		<p>necessary replace the seal kits.</p> <p>5. Replacement of sliding shoes, all flexible hydraulic hoses along with pressure test certificate.</p> <p>6. Check all safeties including lifting hook and shackles safety devices, if necessary replace.</p> <p>7. Check functioning of load limiting and moment limiting devices.</p> <p>8. Calibration of all valves fitted with system.</p> <p>9. Satisfactory test/trials of complete system with correct hydraulic oil level of motor gear box.</p> <p>10. All tools, spares and test equipment's will be arranged by firm/ contractor</p>		
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		<th>a</th> <th>b</th> <th>c</th>	a	b	c
	Detailed scope of work	Details of Repair Work Required	Details of services Required	Details of Spares Required	
14.		<p>1. Inspection of crane structure and dynamic tests.</p> <p>2. Replacement of stickers.</p> <p>3. Checking of articulation plays and, if necessary, replace brasses.</p> <p>4. Inspection of hydraulic seals fitted with hydraulic motor and hydraulic cylinders, if necessary replace the seal kits.</p> <p>5. Replacement of sliding shoes, all flexible hydraulic hoses along with pressure test certificate.</p> <p>6. Check all safeties including lifting hook and shackles safety devices, if necessary replace.</p> <p>7. Check functioning of load limiting and moment limiting devices.</p> <p>8. Calibration of all valves fitted with system.</p> <p>9. Satisfactory test/ trials of complete system with correct hydraulic oil level of motor gear box.</p> <p>10. All tools, spares and test equipment's will be arranged by firm/ contractor</p>	Conduct of 2000 service hours maintenance routine PM- 024.	All spares as per 2000 service hours maintenance routine PM- 024.	
15.	Technical Specs	As per OEM manual.			
16.	Eligibility	Security wise clear firm having working experience on steering System onboard HINGOL CLASS MPVs of PMSA.			
17.	EDC	10 Days			
18.	Warranty	<p>One year warranty after satisfactory test / trials w.r.t:</p> <p>a. Satisfactory operation without hydraulic oil leakage.</p> <p>b. Provision of hydraulic oil whenever needed due to leakage within warranty period.</p> <p>c. If any safety or shackles safety devices malfunctioning during warranty</p>			

		<p>period will replace with new.</p> <p>d. Any leak hydraulic hose and hydraulic seals will replace with new during warranty period</p> <p>e. If any valve found defective will replace with new during warranty period.</p> <p>f. If load limiting, moment limiting devices, lifting hook and shackles malfunctioning during warranty period firm will responsible.</p>
19.	Acceptance Criteria	<p>a. OEM Certified spares.</p> <p>b. Satisfactory operation without hydraulic oil leakage and with correct hydraulic oil level of motor gear box.</p> <p>c. Satisfactory operation of hydraulic seals fitted with hydraulic motor and hydraulic cylinders.</p> <p>d. Satisfactory operation without hydraulic oil leakage.</p> <p>e. Satisfactory operation all safeties including lifting hook and shackles safety devices.</p> <p>f. Satisfactory operation load limiting & moment limiting devices and all valves</p>
20.	Any other relevant information	<p>a. Damage/ defect occurred to system during work is responsibility of contractor.</p> <p>b. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor.</p>

IT NO: IT/77/02/2025-26
CONDUCT OF PMS ROUTINE OF DRAINING JET PUMPS - PMSS KASHMIR

S No	Details						
1.	Ships Name	PMSS KASHMIR					
2.	Parent Equipment	Draining Jet Pumps					
3.	OEM	JIANGSU ZHENHUA PUMP INDUSTRY CO. LTD.					
4.	Model	CLH50-32-4.5(Z)					
5.	Origin	China					
6.	Sub Equipment	Sea Water Pumps					
7.	Quantity	02					
8.	Source of availability	OEM, Local market					
9.	Justification for Work	PMS Routine					
10.	Work Required	a	b	c	d		
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required		
		3-4233-0000	Overhaul of pump required	Yes	Yes		
11.	Detailed scope of work	a	b	c			
		Details of Repair Work Required	Details of services Required	Details of Spares Required			
		Overhaul of Sea Water Pumps required	Overhaul of pumps required	As per S No 9			
12.	Technical Specs	S No	Description	Working Pressure	Capacity (m3/h)	Power (KW)	Speed (rpm)
		a.	Sea Water Pumps	0.6 MPa	12	5	4500
13.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.					
14.	EDC	30 Days after award of contract					
15.	Warranty	01 Year					
16.	Acceptance Criteria	a. OEM Certified item. b. Defective/ BER items must be replaced with new one. c. Upon scrutiny of items and provided documents along with production certificate by OEM. d. Defective/ BER items must be replaced with new. e. Firm will not be allowed to use ship tools and manpower					

IT NO: IT/77/03/2025-26

CONDUCT OF PMS ROUTINE OF PNEUMATIC QUICK CLOSING VALVE CONTROL UNIT
FWD & AFT - PMSS KOLACHI

S No	Details					
1.	Ships Name	PMSS KOLACHI				
2.	Parent Equipment	Quick Closing Valve				
3.	OEM	TAIXING NAVIGATION MACHINERY CO. LTD.				
4.	Model	50L-7 50L-8				
5.	Origin	China				
6.	Sub Equipment	Quick Closing Valve Control Unit				
7.	Assembly Component	Air Bottle				
8.	Part No. of Assembly Component	S No	NSN/Part No	Description		
		a	TQCB-50L-7&8-02	Air Bottle		
				Qty 4		
9.	Source of availability	OEM, Local market				
10.	Justification for Work	To conduct PMS routine of Pneumatic Quick Closing Valve Control Unit Fwd & Aft (PMS No 3-2403-0001)				
11.	Work Required	a	b	c		
		Defect/ Routine List	Repair Work Required	Services Required		
		PM-007	Disassemble of air bottle	Inspection of Air Bottles required		
		PM-008	Inspection after disassembly of air bottle			
		PM-009	Assemble of air bottle			
		PM-010	Inspection after assembly of air bottle			
12.	Detailed scope of work	a	b	c		
		Details of Repair Work Required	Details of services Required	Details of Spares Required		
		Disassemble of air bottle	Inspection of Air Bottles required	As per S No 9		
		Inspection after disassembly of air bottle				
		Assemble of air bottle				
		Inspection after assembly of air bottle				
13.	Technical Specs					
14.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.				
15.	EDC	30 Days after award of contract				
16.	Warranty	01 Year				
17.	Acceptance Criteria	a. OEM Certified item. b. Defective/ BER items must be replaced with new one. c. Upon scrutiny of items and provided documents along with production certificate by OEM.				

		<p>d. Defective/ BER items must be replaced with new. e. Firm will not be allowed to use ship tools and manpower f. QA/QC certificate issuance by QA/QC department</p>
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IT NO: IT/77/04/2025-26

CONDUCT OF PMS ROUTINE OF REFRIGERATOR SEA WATER PUMPS - PMSS
KASHMIR

S No	Details						
1.	Ships Name	PMSS KASHMIR					
2.	Parent Equipment	Refrigeration System					
3.	OEM	JIANGSU ZHENHUA PUMP INDUSTRY CO., LTD.					
4.	Model	CLH50-32-4.5(Z)					
5.	Origin	China					
6.	Sub Equipment	Sea Water Pumps					
7.	Assembly Component	i. Nozzle ii. Pump shaft 466ZH-CLH-42-07 iii. Impeller 466ZH-CLH-42-04 iv. Seal ring 466ZH-CLH-42-02 v. Mechanical seal ZH3-22 vi. O ring GB/T3452. 1Ø175xØ3.55					
8.	Part No. of Assembly Component	S No	NSN/Part No	Description	Qty		
		a	CPT50-0.3-0.06- 02	Nozzle	2		
		b	4320PV1190003	pump shaft 466ZH-CLH-42-07	2		
		c.	4320PV1030005	impeller 466ZH-CLH-42-04	2		
		d.	4320PV1030003	seal ring 466ZH-CLH-42-02	2		
		e.	9320PV1010708	mechanical seal ZH3-22	2		
		f.	9320PV0030116	O ring GB/T3452. 1Ø175xØ3.55	2		
9.	Source of availability	OEM, Local market					
10.	Justification for Work	PMS Routine					
11.	Work Required	a	b	c	d		
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required		
		3-4233-PM-002	Overhaul of pump required				
12.	Detailed scope of work	a	b	c			
		Details of Repair Work Required	Details of services Required	Details of Spares Required			
		Overhaul of Refrigerator Sea Water Pumps required	Overhaul of pumps required	As per S No 9			
13.	Technical Specs	S No	Description	Working Pressure	Capacity (m3/h)	Power (KW)	Speed (rpm)
		a.	Refrigerator Sea Water Pumps	0.32 MPa	6	3	2950
14.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.					

15.	EDC	30 Days after award of contract
16.	Warranty	01 Year
17.	Acceptance Criteria	<p>f. OEM Certified item.</p> <p>g. Defective/ BER items must be replaced with new one.</p> <p>h. Upon scrutiny of items and provided documents along with production certificate by OEM.</p> <p>i. Defective/ BER items must be replaced with new.</p> <p>j. Firm will not be allowed to use ship tools and manpower</p>

IT NO: IT/77/05/2025-26

**INSPECTION/ REPLACEMENT OF PORT & STBD MAIN ENGINES FUEL WATER
SEPARATOR - PMSS KOLACHI**

S No	Details						
1	Ships Name	PMSS KOLACHI					
2.	Parent Equipment	Main Engine Fuel System					
3.	OEM	QAUANTONG NAVIGATION MACHINERYGROUP CO LTD					
4.	Model	FSLYQ 40					
5.	Serial No	D-06830					
6.	Origin	China					
7.	Sub Equipment	Fuel water separator					
8.	Assembly Component	Fuel water separator					
9.	Part No. of Assembly Component	S No	NSN/Part No	Description	Qty		
		a	NIL	Fuel water separator	02		
10.	Source of availability	OEM, Local market					
11.	Justification for Work	Replacement of Port & Stbd ME Fuel water separator is required for SAT OPS.					
12.	Work Required	a	b	c	d		
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required		
		Performance of installed Port & Stbd ME Fuel Water separator degraded.	Replacement of Port & Stbd ME Fuel Water separator required for sat ops.	Replacement of Port & Stbd ME Fuel Water separator required for sat ops.	As per S No 9		
13.	Detailed scope of work	a	b	c			
		Details of Repair Work Required	Details of services Required	Details of Spares Required			
		Inspection/ Replacement of Port & Stbd ME Fuel Water separator required.	Replacement of Port & Stbd ME Fuel Water separator required for sat ops.	As per S No 9			
14.	Technical Specs	S No	Item	Technical Specs			
		a.	Nominal pressure	< 0.6 MPa			
		b.	Working Temperature	< 55 C			
		c.	Nominal Flow rate	2.6 m3/h			
		d.	Filter Precision	70 urn			
		e.	Separation Efficiency	>85			
15.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.					
16.	EDC	30 Days after award of contract					
17.	Warranty	01 Year					
18.	Acceptance	a. OEM Certified items					

	Criteria	b. All defective BER items to be replaced with new. c. Firm will not be allowed to use ship tools and manpower.
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IT NO: IT/77/06/2025-26

**INSPECTION TESTING OF 27 X CO2 BOTTLES OF FIXED FIRE EXTINGUISHER SYSTEM -
PMSS KOLACHI**

S No	Details															
1.	Ships Name	PMSS KOLACH														
2.	Parent Equipment	CO2 FIRE-EXTINGUISHING SYSTEM														
3.	OEM	CUI YUGUANG CSSC JIUJIANG FIRE EQUIPMENT CO LTD														
4.	Model	CDE-2														
5.	Origin	China														
6.	Sub Equipment	CO2 Bottles														
7.	Assembly Component	CO2 Bottles														
8.	Part No. of Assembly Component	<table border="1" style="width: 100%;"> <thead> <tr> <th>S. No</th> <th>NSN/ Part No</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>4210PV4040007/ 595HF1-456-00A</td> <td>CO2 Bottles</td> </tr> </tbody> </table>			S. No	NSN/ Part No	Description	a.	4210PV4040007/ 595HF1-456-00A	CO2 Bottles						
S. No	NSN/ Part No	Description														
a.	4210PV4040007/ 595HF1-456-00A	CO2 Bottles														
9.	Quantity	<table border="1" style="width: 100%;"> <thead> <tr> <th>S. No</th> <th>NSN/ Part No</th> <th>Description</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>4210PV4040007/ 595HF1-456-00A</td> <td>CO2 Bottles</td> <td>27 in no</td> </tr> </tbody> </table>			S. No	NSN/ Part No	Description	Quantity	a.	4210PV4040007/ 595HF1-456-00A	CO2 Bottles	27 in no				
S. No	NSN/ Part No	Description	Quantity													
a.	4210PV4040007/ 595HF1-456-00A	CO2 Bottles	27 in no													
10.	Source of availability	OEM/ Local Market														
11.	Justification for Work	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.														
12.	Work Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> </tr> <tr> <th>Defect/ Routine List</th> <th>Repair Work Required</th> <th>Services Required</th> <th>Spares Required</th> </tr> </thead> <tbody> <tr> <td>27 x CO2 Bottles of Fixed Fire Extinguishing system has not been tested since commissioning</td> <td>Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.</td> <td>Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.</td> <td>NIL</td> </tr> </tbody> </table>	a	b	c	d	Defect/ Routine List	Repair Work Required	Services Required	Spares Required	27 x CO2 Bottles of Fixed Fire Extinguishing system has not been tested since commissioning	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.	NIL		
a	b	c	d													
Defect/ Routine List	Repair Work Required	Services Required	Spares Required													
27 x CO2 Bottles of Fixed Fire Extinguishing system has not been tested since commissioning	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.	NIL													
13.	Detailed scope of work	<table border="1" style="width: 100%;"> <thead> <tr> <th>a</th> <th>b</th> <th>c</th> </tr> <tr> <th>Details of Repair Work Required</th> <th>Details of services Required</th> <th>Details of Spares Required</th> </tr> </thead> <tbody> <tr> <td>Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.</td> <td>Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS</td> <td>NIL</td> </tr> </tbody> </table>	a	b	c	Details of Repair Work Required	Details of services Required	Details of Spares Required	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS.	Inspection/ testing of 27 x CO2 Bottles of Fixed Fire Extinguishing system required for SAT OPS	NIL					
a	b	c														
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14.	Technical Specs	<table border="1" style="width: 100%;"> <tr> <td>Model</td> <td>CDE-2</td> </tr> <tr> <td>Type</td> <td>Fixed</td> </tr> <tr> <td>Extinguishing method</td> <td>Total Flooding</td> </tr> <tr> <td>Storage pressure</td> <td>5.17MPa</td> </tr> <tr> <td>CO2 storage cylinder Volume</td> <td>68L</td> </tr> <tr> <td>N2 cylinder volume</td> <td>4L</td> </tr> </table>			Model	CDE-2	Type	Fixed	Extinguishing method	Total Flooding	Storage pressure	5.17MPa	CO2 storage cylinder Volume	68L	N2 cylinder volume	4L
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Type	Fixed															
Extinguishing method	Total Flooding															
Storage pressure	5.17MPa															
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		CO2 filling ratio (kg/L)	≤ 0.67
		Nozzle work pressure	$\geq 1.4 \text{ MPa}$
		Air pressure for system startup	$5.9 \pm 0.5 \text{ MPa}$
		Filling weight per cylinder	45Kg
		Nominal pressure	(14.7MPa)
15.	Eligibility	Reputable local/ international Contractor registered with FBR and having working experience with PMSA.	
16.	EDC	30 Days after award of contract	
17.	Warranty	01 Year	
18.	Acceptance Criteria	<ul style="list-style-type: none"> a. OEM Certified item b. Defective/ BER bottles or parts must be replaced with new one c. CO2 Bottles must be tested according to given known good for SAT operation. d. Firm will not be allowed to use ship tools and manpower e. QA/QC certificate issuance by QA/QC department. 	

IT NO: IT/77/07/2025-26
OVERHAULING OF EXHAUST FAN MOTOR - PMSS KASHMIR

S No	Details																							
1.	Ships Name	PMSS KASHMIR																						
2.	Parent Equipment	MARINE CENTRIFUGAL FANS_																						
3.	OEM	JIANGSU JOSUN AIR CONDITIONER CO., LTD																						
4.	Model	CLQ-15																						
5.	Serial No	DLY70671																						
6.	Origin	China																						
7.	Sub Equipment	Motor																						
8.	Assembly Component	Exhaust Fan Flappers Exhaust & Supply Mushroom Heads Exhaust & Supply Mushroom Head Nets																						
9.	Part No. of Assembly Component	<table border="1"> <thead> <tr> <th>S No</th> <th>NSN/ Part No</th> <th>Description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>04.01.01.562</td> <td>Motor Y801-2-H</td> <td>30</td> </tr> <tr> <td>b.</td> <td>NIL</td> <td>Exhaust Fan Flappers</td> <td><u>20</u></td> </tr> <tr> <td>c.</td> <td>NIL</td> <td>Exhaust & Supply Mushroom Heads</td> <td>10</td> </tr> <tr> <td>d.</td> <td>NIL</td> <td>Exhaust & Supply Mushroom Head Nets</td> <td>10</td> </tr> </tbody> </table>			S No	NSN/ Part No	Description	Qty	a.	04.01.01.562	Motor Y801-2-H	30	b.	NIL	Exhaust Fan Flappers	<u>20</u>	c.	NIL	Exhaust & Supply Mushroom Heads	10	d.	NIL	Exhaust & Supply Mushroom Head Nets	10
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c.	NIL	Exhaust & Supply Mushroom Heads	10																					
d.	NIL	Exhaust & Supply Mushroom Head Nets	10																					
10.	Justification for Work	Above mentioned items and repair work required for SAT OPS																						
11.	Work Required	<table border="1"> <thead> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> </tr> <tr> <th>Defect/ Routine List</th> <th>Repair Work Required</th> <th>Services Required</th> <th>Spares Required</th> </tr> </thead> <tbody> <tr> <td>Degraded performance of exhaust fan motors. Same require overhaul for SAT OPS.</td> <td>Supply/ Exhaust Fan motor other than machinery spaces, cleaning & inspection required. Exhaust fan flappers & contact physical inspection and cleaning/ greasing work required. Exhaust & Supply Mushroom heads of machinery compartments need to be overhauled. Exhaust & Supply Mushroom head net need to be replaced as per sample.</td> <td>Cleaning, inspection, greasing work and overhauling of supply mushroom heads of Exhaust fan required.</td> <td>As per S No 9</td> </tr> </tbody> </table>	a	b	c	d	Defect/ Routine List	Repair Work Required	Services Required	Spares Required	Degraded performance of exhaust fan motors. Same require overhaul for SAT OPS.	Supply/ Exhaust Fan motor other than machinery spaces, cleaning & inspection required. Exhaust fan flappers & contact physical inspection and cleaning/ greasing work required. Exhaust & Supply Mushroom heads of machinery compartments need to be overhauled. Exhaust & Supply Mushroom head net need to be replaced as per sample.	Cleaning, inspection, greasing work and overhauling of supply mushroom heads of Exhaust fan required.	As per S No 9										
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	Detailed scope of work	a	b	c
		Details of Repair Work Required	Details of services Required	Details of Spares Required
12.		Supply/ Exhaust Fan motor other than machinery spaces, cleaning & inspection required. Exhaust fan flappers & contact physical inspection and cleaning/ greasing work required. Exhaust & Supply Mushroom heads of machinery compartments need to be overhauled. Exhaust & Supply Mushroom head net need to be replaced as per sample.	Cleaning, inspection, greasing work and overhauling of supply mushroom heads of Exhaust fan required.	As per S No 9 & 10
13.	Technical Specs	S No	Description	Technical Specs
	a.		Total Pressure	2180 Pa
	b.		Speed	3500 rpm
	c.		Power	5.5 kW
	d.		Exhaust Fan Flappers	As per sample
	e.		Exhaust & Supply Mushroom Heads	As per sample
	f.		Exhaust & Supply Mushroom Head Nets	As per sample
14.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.		
15.	EDC	30 Days after award of contract		
16.	Warranty	01 Year		
17.	Acceptance Criteria	a. OEM Certified item b. BER items to be replaced with new c. Firm will not be allowed to use ship tools and manpower		

IT NO: IT/77/08/2025-26
OVERHAULING OF HPAC SYSTEM NO 1 & 2- PMSS BASOL

S No	Details			
1.	Ships Name	PMSS BASOL		
2.	Parent Equipment	High Pressure Air Compressor		
3.	OEM	Bauer Kompressoren GmbH Munich		
4.	Model	HPAC I15.1-11-5		
5.	Serial No	NA		
6.	Origin	Germany		
7.	Sub Equipment	Compressor Host		
8.	Part No. of Assembly Component	IK15.1		
9.	Quantity	02		
10.	Source of availability	WUHAN MEKAND EQUIPMENT CO., LTD		
11.	Justification for Work	As per RMS routines/ technical manual.		
12.	Work Required	a	b	c
		Defect/ Routine List	Repair Work Required	Services Required
		Nii	Yes	Yes
13.	Detailed scope of work	a	b	c
		Details of Repair Work Required	Details of services Required	Details of Spares Required
		As per requirements for overhauling of HPAC system	Complete overhauling of HPAC system Including following aspects. 1. Shut down and isolate compressor. Depressurize air system; drain oil and moisture. 2. Remove & inspect outer covers and piping connections. Dismantle valve assemblies, cylinder heads, pistons and connecting rods. Remove & inspect bearings and crankshaft. 3. Check piston rings and cylinder liners for wear/ scoring. Inspect valves for seat damage and carbon deposits. Measure clearances of bearings and journals. Inspect oil pump, filters	As per requirements for overhauling of HPAC system

		<p>and lubrication passages.</p> <p>4. Renew piston rings, gaskets and worn valves. Replace oil and air filters. Replace bearings and seals if out of limits. Maintenance of the condensate drain valve.</p> <p>5 Electrical appliance inspection in the electric control.</p> <p>6. Replacement of Air inlet filter, lubricating oil & lubricating oil filter core.</p> <p>7. Clean all components with solvent and lint free cloth. Reassemble in reverse order applying new gaskets/ seals. Torque bolts to manufacturer's specifications.</p> <p>8. Fill with fresh compressor oil. Run HPAC under supervision check for leaks, abnormal vibration & noises. Gradually raise pressure to operating limit; monitor safety cut-outs.</p> <p>9. Record operating parameters (oil pressure discharge pressure temperature) as per OEM recommendation.</p>	
14. for	Technical Specs	As per High Pressure Air Compressor for M65P technical manual	
15.	Eligibility	Reputable local contractor having working experience of HPAC system.	
16.	EDC	01 Week	
17.	Warranty	01 Year	
18.	Acceptance Criteria	<p>a. Satisfactory operation of HPAC.</p> <p>b. Successful trials by end user.</p>	
19.	Any other relevant information	<p>a. Contactor may contact SS/ visit onboard ship to resolve any query.</p> <p>b. Growth work, damage/ defect occurring during work will be responsibility of contractor.</p>	

IT NO: IT/77/09/2025-26

**IT SPECIFICATIONS FOR PMS ROUTINE FOR INSPECTION/ CLEANING OF
LUBRICATING OIL PREHEATING DEVICE OF MAIN ENGINE - PMSS KOLACHI**

S No	Details				
1.	Ships Name	PMSS KOLACHI			
2.	Parent Equipment	Main Engine (M.E.L.O. Preheating Device)			
3.	OEM	TAIXING CITY TRAFFIC MACHINERY FACILITIES FACTORY			
4.	Model	FL-18C-II-04			
5.	Origin	China			
6.	Sub Equipment	M.E.L.O. Preheating Device' (Pre lubricating Heater and Fresh Water Heater of Main Engine)			
7.	Assembly Component	Electric heater Sealing Gasket			
8.	Part No. of Assembly Component	S No	NSN/Part No	Description	Qty
		a.	4440PV2010006/ FL-18C-II-04	Electric Heater	02
		b.	440PV2010010	Sealing Gasket Ø163X Ø133X5	02
9.	Justification for Work	To conduct PMS routine of Pre lubricating Heater and Fresh Water Heater of Main Engine (5-7104-0001-0002)			
10.	Work Required	a	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		PM-008	Inspection/ cleaning of Both Main Engine Pre lubricating Heater and Fresh Water Heater required as per PMS routine (5-7104-0001~0002) for SAT OPS.	Inspection/ cleaning of Both Main Engine Local Monitoring Box & LCP as per PMS Routine for SAT OPS	As per S No 8
11.	Detailed scope of work	a	b	c	
		Details of Repair Work Required	Details of services Required	Details of Spares Required	
		Inspection/ cleaning of Both Main Engine Pre lubricating Heater and Fresh Water Heater required as per PMS routine (5-7104-0001~0002) for SAT OPS.	Check the leak marks of flange seals and check if there is any oil dripping on the ground. Replace any defective/ degraded parts.	As per S No 8	
12.	Technical Specs	Electric heater power Oil temperature control range Main power source Source Opening pressure of safety valve Oil pump capacity Motor power	18kW 3Ø 380V 50Hz 0°C~50°C AC3 Ø 380V 50Hz 220V, 50Hz >0.33MPa 1.6m3/h 0.3MPa 0.75kW		
13.	Eligibility	Reputable local/ international contractor registered with FBR and have working			

		experience with PMSA.
14.	EDC	30 Days after award of contract
15.	Warranty	01 Year
16.	Acceptance Criteria	<ul style="list-style-type: none"> a. OEM Certified item. b. Upon scrutiny of items and provided documents along with production certificate by OEM. c. Defective/ BER items must be replaced with new. d. Firm will not be allowed to use ship tools and manpower

IT NO: IT/77/10/2025-26
PROCUREMENT OF DEHUMIDIFIERS - PMSA UNITS

S No	Details			
1.	Ships Name	PMSA Units		
2.	Parent Equipment	Dehumidifiers		
3.	OEM	Prem-i-Air Appliance Ltd Crownline, Carteza Beurer		
4.	Model	MD-395, MD-231, DH-520 or LE-150		
5.	Origin	UK/ China		
6.	Quantity	S No	Unit/ Directorate	Qty
		a.	PMSS BASOL	06
		b.	PMSS HINGOL	03
		c.	PMSS DASHT	06
		d.	PMSS SABQAT	01
		e.	PMSS KASHMIR	06
		f.	PMSS RAFAQAT	02
		g.	PMSS REHMAT	03
		h.	PMSS KOLACHI	07
		j.	PMSS NUSRAT	04
		k.	D (P&CC)	02
7.	Source of Availability	OEM, Local Market		
8.	Justification for Work	Maintaining conducive environment in compartments equipped with sensitive machinery/equipment		
9.	Work Required	a	b	c
		Defect List	Repair Work Required	Services Required
		N/A	N/A	Procurement of Dehumidifiers
10.	Detail Scope of Work	a	b	c
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required
		N/A	Procurement of Dehumidifiers	As per S No 9
11.	Eligibilities	Reputable local contractor having working experience with PMSA.		
12.	EDC	15 Days after award of contract		
13.	Warranty	1 year		
14.	Acceptance Criteria	c. OEM Certified item d. Item will be accepted after acceptance of end user		

IT SPECIFICATIONS – PROCUREMENT OF RAS(L) ASTERN GEAR- PMSS KASHMIR

S No	Details																																											
1.	Ships Name PMSS KASHMIR																																											
2.	Parent Equipment Procurement of RAS(L) Astern Gear																																											
3.	OEM China																																											
4.	Origin China																																											
5.	Sub Equipment <ul style="list-style-type: none"> a. Weather Deck Safety Lines b. Block Tackle with Nylon Rope c. Hanging Pendant Wire with San-o-Slip d. Thimble with 10mm Wire e. Thimble with 18mm Wire f. Ferule 12mm g. Ferule 18mm h. Fiber Strrops j. Marshalling Wands k. Station Flags l. RAS Station Flags 																																											
6.	Assembly Equipment <ul style="list-style-type: none"> a. Weather Deck Safety Lines b. Block Tackle with Nylon Rope c. Hanging Pendant Wire with San-o-Slip d. Thimble with 10mm Wire e. Thimble with 18mm Wire f. Ferule 12mm g. Ferule 18mm h. Fiber Strrops j. Marshalling Wands k. Station Flags l. RAS Station Flags 																																											
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8.	Source of Availability Through Local Contractor or Engineering house																																											
9.	Justification for Work RAS(L) Astern gear as mentioned above is critically required onboard.																																											

10.	Work Required	a	b	c	d		
		Defect List	Repair Work Required	Services Required			
		RAS(L) Astern gear as mentioned above is critically required onboard.	N/A	RAS(L) Astern gear as mentioned above is critically required onboard.	Spares mentioned at para 8 are essentially required onboard		
11.	Detail Scope of Work	a	b		c		
		Detail of Repair Work Required	Detail of Services Required		Detail of Spares Required		
		N/A	RAS(L) Astern gear as mentioned above is critically required onboard.		Spares mentioned at para 8 are essentially required onboard		
12.	Technical Specs	As prescribed by SS					
13.	EDC	1-2 Months					
14.	Warranty	a. 1 x year warranty after satisfactory trials/test b. Material will be replaced if deformity or wear is developed during warranty period.					
15.	Acceptance Criteria	Satisfactory work as per prescribed sample					
16.	Eligibilities	Reputable local contractor having working experience in seamanship					
17.	Any other relevant information	a. Contact SS/ visit onboard for clear understanding of scope of work. b. Damage/ defect occurred to system during work is responsibility of contractor c. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor					

IT NO: IT/77/12/2025-26

IT SPECIFICATIONS

PROVISION OF UNIFORMS AND CORRESPONDING ANCILLARY – PAKISTAN MARITIME SECURITY AGENCY

1.	Requirements	S. No	Description	Qty	
		a.	Standardized Cotton Uniforms	Quantities to be Confirmed from HQ PMSA	
		b.	Standardized CVC Uniforms		
		c.	Half-Sleeved Standardized Cotton Tee's		
		d.	Half-Sleeved Standardized CVC Tee's		
		e.	Standardized CVC Caps		
		f.	Base Color Fabric Mix Cotton (as per sample)		
		g.	Standardized CVC Fabric		
2.	Tender Sampling	Below mentioned samples are to be submitted at HQ PMSA along with Technical Proposal			
		S. No	Description	Qty	
		a.	Standardized Cotton Uniforms	03 x PMF, 03 x PLL	
		b.	Standardized CVC Uniforms	03 x PSL, 01 x PLF	
		c.	Half-Sleeved Standardized Cotton Tee's	03 x XL, 03 x L	
		d.	Half-Sleeved Standardized CVC Tee's	03 x S, 03 x M	
		e.	Standardized CVC Caps	03	
		f.	Base Color Fabric Mix Cotton (as per sample)	05 Meter	
		g.	Standardized CVC Fabric	10 Meter	
		h.	Standardized Cotton Fabric	10 Meter	
		Firms not able to provide the complete quantity shall not be considered for the inspection process and will be rejected on site.			
3.	Guidelines for Sample Manufacturing	<ul style="list-style-type: none">a. All sample items shall be manufactured strictly in accordance with the design, pattern, and structural attributes of the reference specimens that can be obtained from DP&CC office at HQ PMSA.b. Fabric composition for Cotton, CVC, and blended materials must replicate the exact weave, texture, GSM, and chromatic profile of the approved samples and specifications that can be obtained from DP&CC office at HQ PMSA.c. Digital or solid camouflage patterns (where applicable) shall mirror the authorized pattern geometry, pixelation, and coloration without deviation.d. Workmanship must demonstrate uniform stitch density, reinforced seams at stress points, and superior finishing free from defects such as puckering, fraying, or color inconsistency.			

		<ul style="list-style-type: none"> e. All garments—including standardized uniforms and half-sleeved tees—must be cut and assembled using precision patterning to maintain silhouette accuracy and dimensional stability. f. CVC Caps and other uniform accessories shall be fabricated with correct structural rigidity, panel alignment, visor curvature, and internal reinforcement as defined by the supplied prototype. g. Fabric fastness, durability, and resistance to shrinkage or deformation must meet the qualitative thresholds demonstrated in the master samples. h. Only authentic, certified, and traceable raw materials shall be used to ensure compliance with standardized textile specifications. i. Measurement charts, dimensional standards, and sizing details for all uniforms and accessories shall be obtained directly from the D P&CC Office at HQ PMSA, and bidders shall strictly adhere to these measurements. j. Each tender sample must be neatly packaged, labeled with item details and bidder identification, and submitted as a complete set within the stipulated timeframe.
4.	Inspection	<ul style="list-style-type: none"> a. Inspection shall be conducted strictly in accordance with the approved technical parameters and specifications implemented by the procuring authority, with no deviation permitted. b. All laboratory-based testing and verification shall be undertaken through approved third-party laboratories, namely CINS or SGS, as deemed appropriate by the end user. c. The firm shall be fully responsible for all laboratory inspection, testing, and sampling charges, including any additional analytical costs required by the evaluating authority. d. Fabric quality—such as GSM, weave/knit structure, tensile strength, and colorfastness—shall be verified against approved specifications through certified laboratory results. e. Garment construction, including stitching quality, seam density, reinforcement placement, finishing and dimensional accuracy shall be verified through LAB using the official measurement charts obtained from the D P&CC Office at HQ PMSA. f. Accessories such as caps, trims, buttons, zippers, and reinforcement components shall be inspected for material authenticity, structural integrity, and compatibility with the approved prototype. g. Final acceptance shall be subject to successful completion of all inspections, laboratory testing, and compliance verification; failure to meet any mandatory criteria shall result in disqualification.
5.	Technical Specs	Can be obtained from D P&CC Office at HQ PMSA.
6.	Eligibilities	Firms having experience in relevant field preferably working with PN having FRB, SRB and registration in PN.
7.	EDC	120 days
8.	Warranty	01 Year
9.	Acceptance Criteria	Only those firms whose samples successfully meet and pass all prescribed parameters during laboratory examination, as verified through approved testing agencies i.e. CINS, shall be considered for acceptance.

IT NO: IT/77/13/2025-26
REPAIR/ REPLACEMENT OF SEA CRANE - PMSS BARKAT

S No	Details			
1.	Ships Name	PMSS BARKAT		
2.	Parent Equipment	Sea Crane		
3.	OEM	HIAB		
4.	Model	HIAB 60		
5.	Origin	Sweden		
6.	Sub Equipment	Sea Crane Hydraulic System		
7.	Assembly Component	Hydraulic Rams, Metal and Flexible Hoses, Hydraulic Operating Control Block/ Valves		
8.	Quantity	As per detail scope of work		
9.	Source of availability	Local Market		
10.	Justification for Work	Performance of sea crane has been degraded over the period and hydraulic oil leakages found from <u>multiple</u> seals during static position and operation. Same effecting the pressure defusing in the system.		
Work Required	a	b	c	d
	Defect/ Routine List	Repair Work Required	Services Required	Spares Required
11.	Performance of sea crane has been degraded due hydraulic oil leakages from various seals during static and working position and same conceded safety hazard	Complete overhauling of hydraulic rams and renewal of all pressure seals, 'O' rings, metallic lines and flexible hoses for satisfactory operations of the sea crane	As per Serial 14 Column b.	As per Serial 14 Column c.

12.	Detailed scope of work	<table border="1" data-bbox="491 139 1545 1404"> <thead> <tr> <th data-bbox="491 139 796 179">a</th><th data-bbox="796 139 1237 179">b</th><th data-bbox="1237 139 1545 179">c</th></tr> <tr> <th data-bbox="491 179 796 219">Details of Repair Work Required</th><th data-bbox="796 179 1237 219">Details of services Required</th><th data-bbox="1237 179 1545 219">Details of Spares Required</th></tr> </thead> <tbody> <tr> <td data-bbox="491 219 796 325">Overhauling of hydraulic rams</td><td data-bbox="796 219 1237 325">Complete overhauling of hydraulic rams and renewal of all pressure seals and 'O' rings</td><td data-bbox="1237 219 1545 325">Pressure seals and 'O' rings as required</td></tr> <tr> <td data-bbox="491 325 796 430">Overhauling of hydraulic operating control block/ valves</td><td data-bbox="796 325 1237 430">Complete overhauling of hydraulic operating control block/ valves</td><td data-bbox="1237 325 1545 430">Seals and 'O' rings as required</td></tr> <tr> <td data-bbox="491 430 796 536">Replacement of pressure gauge</td><td data-bbox="796 430 1237 536">Removal of existing pressure gauge and installation of new pressure gauge</td><td data-bbox="1237 430 1545 536">01 x pressure gauge Range 0-5000 psi</td></tr> <tr> <td data-bbox="491 536 796 747">Replacement of metallic hydraulic lines</td><td data-bbox="796 536 1237 747">Removal of metallic hydraulic lines, pressure testing up to 45 MPA and replacement of defective metallic hydraulic lines</td><td data-bbox="1237 536 1545 747">11 x 5 feet and 02 x 3 G/ 2 metallic hydraulic lines are fitted, replace only defective</td></tr> <tr> <td data-bbox="491 747 796 1001">Replacement of flexible hydraulic hoses</td><td data-bbox="796 747 1237 1001">Removal of flexible hydraulic hoses, pressure testing up to 45 MPA and replacement of defective flexible hydraulic hoses</td><td data-bbox="1237 747 1545 1001">16 x 14 feet and 02 x 3 feet flexible hydraulic hoses are fitted, replace only defective</td></tr> <tr> <td colspan="3" data-bbox="491 1001 796 1085">The firm will arrange load testing of sea crane up to 750 Kg after overhauling and provide load test certificate</td></tr> <tr> <td colspan="3" data-bbox="491 1085 796 1127">The firm will arrange pressure testing and provide pressure test certificate</td></tr> <tr> <td colspan="3" data-bbox="491 1127 796 1170">Requirement of external services, if required will be responsibility of firm</td></tr> <tr> <td colspan="3" data-bbox="491 1170 796 1254">All spares (must be genuine) tools special equipment /accessories required for said Repair/ Maintenance are to be arranged by the firm</td></tr> <tr> <td colspan="3" data-bbox="491 1254 796 1339">Any damage/ defect/ wear tear occurred during course of removal; repair and installation of system/ equipment will be met by firm</td></tr> <tr> <td colspan="3" data-bbox="491 1339 796 1404">The firm will be responsible for all removal, transportation and installation work during warranty/ grantees periods claims in case of any rework</td></tr> <tr> <td data-bbox="192 1404 279 1488">13.</td><td data-bbox="279 1404 491 1488">Technical Specs</td><td data-bbox="491 1404 1545 1488">HIAB 60 Max lifting capacity 3 tons</td></tr> <tr> <td data-bbox="192 1488 279 1679">14.</td><td data-bbox="279 1488 491 1679">Eligibility</td><td data-bbox="491 1488 1545 1679"> <ul style="list-style-type: none"> a. 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18.	Any other relevant information	Quality material is to be used
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IT NO: IT/77/14/2025-26
REPAIR/ REPLACEMENT OF SHIPS GALLEY HOT PLATES - PMSS KASHMIR

S No	Details				
1.	Ships Name	PMSS KASHMIR			
2.	Parent Equipment	Ships Galley Hot Plates			
3.	OEM	ANQING SANWEI ELECTRICAL APPLIANCE CO, LRD.			
4.	Model	DZ-24			
5.	Origin	China			
6.	Sub Equipment	Ships Galley Electric Hot Plates			
7.	Assembly Equipment	a. Ships Galley Electric Hot plates b. Heating sleeves c. Indications lights d. Start stop knobs buttons			
8.	Part No of Assembly Equipment	S No	Description	Den	Qty Req
		q.	NIL (As per sample)	Ships Galley Electric Hot plates	06
		r.	NIL (As per sample)	Heating sleeves	06
		s.	NIL (As per sample)	Indications lights	06
		t.	NIL (As per sample)	Start stop knobs buttons	06
9.	Source of Availability	OEM, Local Market			
10.	Justification for Work	Ships Galley hot plates insulation found weak need to be overhauled and defective plates/ parts to be replaced.			
11.	Work Required	a	b	c	d
		Defect List	Repair Work Required	Services Required	Spares Required
		Ships Galley hot plates performance found degraded. Moreover 2 x hot plates insulation found weak	Ships Galley hot plates panel overhauling required heating sleeves, indications light, start stop knobs of buttons & defective hot plates need to be replaced.	Ships Galley 02 x hot plates insulation found weak. Moreover, hot plates need to be replaced & hot plates electrical panel overhauling required	As per S No 9
12.	Detail Scope of Work	a	b	c	
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required	
		Ships Galley 02 x hot plates insulation found weak. Moreover, hot plates need to be replaced & hot plates electrical panel overhauling required.	Ships Galley hot plates panel overhauling required heating sleeves, indications light, start stop knobs of buttons & defective hot plates need to be replaced.	As per S No 9	

13.	Technical Specs	S No	Description	Technical Specs
		1.	Model	DZ-24
		2.	Frequency	50 Hz
		3..	Voltage	AC 380V
		4.	Power	24
		5.	IP code IP 44 No	17013
14.	Eligibilities	Reputable local contractor having working experience with PMSA.		
15.	EDC	30 Days after award of contract		
16.	Warranty	1 year		
17.	Acceptance Criteria	e. OEM Certified item f. Firm will not be allowed to use ship tools and manpower		

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 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 alongwith 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 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 are to be indicated separately. Total price of the items quoted against the tender os to be clearly mentioned. It should also contain a **pay order 2% 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.
- c. **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 QUOTATION

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

S No	Description	Unit Price	Qty	Total GST @18% or SST @ 15%	Total Price

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

S No	Description	Unit Price	Qty	Total	Total 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. 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:

S No	Description	Qty	U/Price	GST/SST/Taxes	Total Price
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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. EARNEST MONEY:

All participating firms are to provide earnest money in form of pay order alongwith bids. **Registered firms 2% of complete value (inclusive of all prices and taxes). Non registered firms 5% of complete value (inclusive 5% of all prices and taxes).** Firms disqualifying in technical opening/ Commercial opening will be returned their earnest money upon award of work order/ LPO/ Contract to qualifying Firm.

9. TENDER FEE:

Each technical offer must be accompanied with Cash of **Rs.7,500/-** for two stage and **Rs 2,000/-** for single stage nonrefundable as tender fee (In favor 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. For provision of stores/ repair or replacement work wherein Two Stage bidding i.e technical opening is required, Inspection of same will be carried out through reputed third party labs i.e SGS, PNCTA and TTI etc. For inspections carried out in two stage bidding, charges for inspection will be borne by supplying firm.

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 Bills for further processing of the same for payment:

- a. 10% of total amount of Contract, 5% of total amount of LPO/ Work Order.
- b. Certificate of Conformity (CoC) required.
- c. QA/ QC certificate required in respect of technical items.
- d. Survey Copy of unserviceable items duly verified/ signed by BSO PMSS INDUS.

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 and 5% of LPO/ Work Order (excluding taxes, duties / freight handling charges on a stamp paper of the value 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).

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