

**SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 15 X IT SPECIFICATIONS**

**IT NO : IT/28/01/2024-25**

**IT SPECIFICATION – PRINTING WITH BINDING OF PQS BOOKLETS**

S No	IT SPECIFICATION	
1.	Description	Booklets printing with binding
2.	Location	Ops Directorate
3.	Make/ Model	-
4.	Quantity	1376 x Copies of Booklets with binding
5.	Size of Paper	A4 (210 x 297 mm)
6.	Weight of Paper	80 gsm
7.	Scope of Work	As per sample
8.	Eligibility	The firm registered in PMSA & NTN/GST registered
9.	EDD	Upto 07x Working Days
10.	Acceptance Criteria	Acceptance after delivery and Inspection by Staff
11.	Term of Payment	100 % payment after work completion

**IT NO : IT/28/02/2024-25**

**PMSS DASHT  
IT SPECIFICATIONS**

1.	<b>System</b>	<b>Paint Pale Green</b>
2.	Parent Equipment	Finishing
3.	Sub Equipment	Finishing
4.	Assembly Component	-
5.	Make	Diamond
6.	Model	Diamond
7.	Quantity	60 Ltr.
8.	Justification i.e PMS/ Failure/ FWT etc	Ship's DED and OSD is planned in near future so that good seamanship practices can be continued and ship can be brought into immaculate condition.
9.	Work Required/ Defect	Availability of paint Pale green
10.	Scope of work	Paint work onboard ship for maintenance/ preservation of ship's hull and decks.
11.	Technical specification (if any)	04 Ltr Tin
12.	Eligibility Cateria	Firm to be registered with PMSA
13.	EDD	15 Days
14.	Warranty	01 Year
15.	Acceptance criteria (if any)	<ul style="list-style-type: none"><li>• Provision of Internation Marine Coating Certificate</li><li>• Specification i.a.w products specification sheet</li><li>• Acceptance after trial</li><li>• COC (certificate of conformity)</li><li>• Certificate of OEM</li></ul>
16.	Any other relevant information	Minimum 02 years of expiry date

**PMSS DASHT  
IT SPECIFICATIONS**

1.	<b>System</b>	<b>Paint Finishing Royal Blue</b>
2.	Parent Equipment	Finishing
3.	Sub Equipment	Finishing
4.	Assembly Component	-
5.	Make	Diamond
6.	Model	Diamond
7.	Quantity	60 Ltr
8.	Justification i.e PMS/ Failure/ FWT etc	Ship's DED and OSD is planned in near future so that good seamanship practices can be continued and ship can be brought into immaculate condition.
9.	Work Required/ Defect	Availability of paint.
10.	Scope of work	Paint work onboard ship for maintenance/ preservation of ship's hull and decks.
11.	Technical specification (if any)	04 Ltr Tin
12.	Eligibility Cateria	Firm to be registered with PMSA
13.	EDD	15 Days
14.	Warranty	01 Year
15.	Acceptance criteria (if any)	<ul style="list-style-type: none"> <li>• Provision of Internation Marine Coating Certificate</li> <li>• Specification i.a.w products specification sheet</li> <li>• Acceptance after trial</li> <li>• COC (certificate of conformity)</li> <li>• Certificate of OEM</li> </ul>
16.	Any other relevant information	Minimum 02 years of expiry date

**PMSS DASHT  
IT SPECIFICATIONS**

1.	<b>System</b>	<b>Paint Silver</b>
2.	Parent Equipment	Finishing
3.	Sub Equipment	Finishing
4.	Assembly Component	-
5.	Make	Diamond
6.	Model	Diamond
7.	Quantity	60 Ltr
8.	Justification i.e PMS/ Failure/ FWT etc	Ship's DED and OSD is planned in near future so that good seamanship practices can be continued and ship can be brought into immaculate condition.
9.	Work Required/ Defect	Availability of paint.
10.	Scope of work	Paint work onboard ship for maintenance/ preservation of ship's hull and decks.
11.	Technical specification (if any)	04 Ltr Tin
12.	Eligibility Cateria	Firm to be registered with PMSA
13.	EDD	15 Days
14.	Warranty	01 Year
15.	Acceptance criteria (if any)	<ul style="list-style-type: none"> <li>• Provision of Internation Marine Coating Certificate</li> <li>• Specification i.a.w products specification sheet</li> <li>• Acceptance after trial</li> <li>• COC (certificate of conformity)</li> <li>• Certificate of OEM</li> </ul>
16.	Any other relevant information	Minimum 02 years of expiry date

**IT SPECIFICATIONS FOR REPAIR/REPLACEMENT OF MF/HF JSS 2150TX/RX**

**COMMUNICATION SETs FOR 2HOB + HIN90L.**

S No	Description	
1.	Parent equipment	JSS 2150 MF/HF 150W
2.	Sub-equipment	NTD-2150 MF/HF Transceiver
3.	Assembly Component	MF/HF Transceiver
4.	Model	NTD-2150
5.	Make	JAPAN Radio Co Ltd
6.	Quantity/Item Details	02
7.	Justification	Repair/replacement of defective MF/HF Transceiver defect rectification of JSS 2150 MF/HF Tx/Rx 150W
8.	Work Required/ Defect	a. Repair/replacement of above mentioned item b. Satisfactory installation of Tx/Rx onboard system trial/STW
9.	Detailed Scope of Work	Repair/replacement of above mentioned item and defect rectification of HF/MF JSS 2150 Tx/ Rx set followed by onboard trials / STW in Tx/ Rx mode
10.	Technical Spec	Power Input -24VDC / 30A Power Output 150W Temp 25°C to 65°C
11.	Eligibility Criteria	Any registered and security wise clear local contractor who has working experience onboard MPVs
12.	EDC/ EDD	07 Days
13.	Warranty	01 Years
14.	Acceptance Criteria	a. Only OEM certified item be accepted b. Item be accepted after satisfactory test/ trials onboard at sea c. Successful trials by end user along with satisfactory test/ trials sheets duly signed by the firm
15.	Any other information	Firms are requested to visit site before quoting for further information

M NAUMAN AKMAL KHAN  
Captain Pakistan Navy  
Director (Technical)

**IT SPECIFICATION OF I.COM IC-M 710 MF HF TX/RX SET - PMSS REHMAT**

<b>S No</b>	<b>IT SPECIFICATIONS</b>	
1.	Parent Equipment	I.COM IC-M 710 MF HF TX/RX Set
2.	Sub equipment	Base Set
3.	Assembly component	-
4.	Make	JAPAN
5.	Model	I COM
6.	Quantity	01
7.	Justification i.e PMS/ Failure/FWT etc	Item is critically required for Operational requirement of equipment on board ship.
8.	Work Required/ Defect	Repair/ replacement of I.COM IC-M 710 MF HF TX/RX Set
9.	Detailed scope of work	Following Is Scope Of Work:  a. Repairs/ Replacement Of I.COM IC-M 710 MF HF TX/RX Set b. Ensuring Satisfactory Operation Of I.COM IC-M 710 MF HF TX/RX Set. c. Provision Of All Necessary Accessories For SAT ops.
10.	Technical Specs (If any)	Input voltage: 220 VAC Freq 1.6 - 30 MHz Output voltage 13.8 VDC
11.	Eligibility Criteria	Following is eligibility criteria:  a. The firm should visit onboard to understand defect. b. Firm not undertaking the visit onboard ship to see extent of work will not technically qualify. c. The firm has sufficient experience of same kind of work. d. NTN/GST registered.
12.	EDC	02 x Weeks
13.	Warranty	01 x Year warranty after installation.
14.	Acceptance Criteria (If any)	Onboard system trials after installation
15.	Any other relevant information	NA

**IT SPECIFICATIONS COMMERCIAL REPAIR CASE – VIGO DOUBLE CABIN 090302-MS  
PMSA BASE RISHAD (PASNI)**

S No	Specification	Remarks																																																			
1.	System	COMMERCIAL REPAIR OF VIGO DOUBLE CABIN																																																			
2.	MAKE	TOYOTA																																																			
3.	ITEMS DESCRIPTION	<table border="1"> <thead> <tr> <th>S No</th> <th>Work Description</th> <th>QTY/JOB</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align:center"><b>Following items will be replace, repair/ serviced:</b></td> </tr> <tr> <td>1.</td> <td>Mudguard shield replaced</td> <td>01 Set</td> </tr> <tr> <td>2.</td> <td>AC repair/ serviced</td> <td>01 Job</td> </tr> <tr> <td>3.</td> <td>Back escort seat replaced</td> <td>04 x No</td> </tr> <tr> <td>4.</td> <td>Injector replace/ serviced</td> <td>01 Job</td> </tr> <tr> <td>5.</td> <td>Flapper replaced</td> <td>04 x No</td> </tr> <tr> <td>6.</td> <td>Complete Wiring repair</td> <td>01 Job</td> </tr> <tr> <td>7.</td> <td>Complete vehicle denting &amp; re-paint required</td> <td>01 Job</td> </tr> <tr> <td>8.</td> <td>Suspension work required</td> <td>01 Job</td> </tr> <tr> <td>9.</td> <td>Seat Cushioning</td> <td>01 Job</td> </tr> <tr> <td>10.</td> <td>Floor matting replaced</td> <td>01 Job</td> </tr> <tr> <td>11.</td> <td>Bumper front Vigo double cabin replaced</td> <td>01 x No</td> </tr> <tr> <td>12.</td> <td>Auto door lock repairs</td> <td>04 x No</td> </tr> <tr> <td>13.</td> <td>Vehicle complete services /Greasing</td> <td>01 Job</td> </tr> <tr> <td>14.</td> <td>Bumper back Vigo double cabin replaced</td> <td>01 x No</td> </tr> <tr> <td>15.</td> <td>Fuel Pump repair</td> <td>01 Set</td> </tr> </tbody> </table>	S No	Work Description	QTY/JOB	<b>Following items will be replace, repair/ serviced:</b>			1.	Mudguard shield replaced	01 Set	2.	AC repair/ serviced	01 Job	3.	Back escort seat replaced	04 x No	4.	Injector replace/ serviced	01 Job	5.	Flapper replaced	04 x No	6.	Complete Wiring repair	01 Job	7.	Complete vehicle denting & re-paint required	01 Job	8.	Suspension work required	01 Job	9.	Seat Cushioning	01 Job	10.	Floor matting replaced	01 Job	11.	Bumper front Vigo double cabin replaced	01 x No	12.	Auto door lock repairs	04 x No	13.	Vehicle complete services /Greasing	01 Job	14.	Bumper back Vigo double cabin replaced	01 x No	15.	Fuel Pump repair	01 Set
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15.	Fuel Pump repair	01 Set																																																			
4.	TECHNICAL SPECIFICATION	Material as per existing																																																			
5.	PRELIMINARY INVESTIGATION BY SHIPS STAFF	D(MT)/ MTO STAFF																																																			
6.	ELIGIBILITY	Registered Contractor																																																			
7.	EDD	30 days																																																			
8	WARRANTY	NA																																																			
	Detailed Scope of Work	06 month for all replaced items																																																			
10	Acceptance Criteria	stage inspection by End User																																																			
11	Any Other relevant information	Work is to be completed at Gwadar. POC: 0305-9722060 Lt SHAHID NOOR PN																																																			

**SCOPE OF WORK VIGO DOUBLE CABIN 090302-MS PMSA BASE RISHAD (PASNI)**

S No	Work Description	Last done	Cost Estimates (without taxes)
1.	Mudguard shield replaced	2 <sup>nd</sup> time	299,900/-
2.	AC repair/ serviced		
3.	Back escort seat replaced		
4.	Injector replace/ serviced		
5.	Flapper replaced		
6.	Complete Wiring repair		
7.	Complete vehicle denting & re-paint required		
8.	Suspension work required		
9.	Seat Cushioning		
10.	Floor matting replaced		
11.	Bumper front Vigo double cabin replaced		
12.	Auto door lock repairs		
13.	Vehicle complete services/Greasing		
14.	Bumper back Vigo double cabin replaced		
15.	Fuel Pump		
<b>Grand Total</b>			<b>299,900/- Without taxes</b>

**IT NO : IT/28/06/2024-25**

**IT SPECIFICATION OF A/C COOLING PUMP NO 2- PMSS SABQAT**

1.	Parent Equipment	A/C Conditioning Cooling System
2.	Sub Equipment	A/C Cooling Pump No 2
3.	Make	GOULDS Pumps USA
4.	Model	3655
5.	Qty	01 in Nos
6.	Justification PMS/Failure/FWT ec	i.e A/C Cooling Pump Motor over heated, abnormal sound observed and performance degraded.
7.	Work required/defect	Repair/ Maintenance of sea water cooling pump No 02
8.	Detail scope of work	Repair/ Maintenance of sea water cooling pump No 2 include undermentioned jobs:  i. Remove the sea water A/C cooling pump with motor from the ship. ii. Overhauling of sea water cooling pump iii. Repair/ replacement Pump body iv. Replacement of leaky mechanical seal v. Repair/ replace the pump impeller, shaft and bearing if required. vi. Re-install the pump after overhauling. vii. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. viii. Requirement of external service, if any will be responsibility of the firm without any liability on the part of ship. ix. Repair defective items are same hand over to Ship's Staff.
9.	Technical specification	Following are the specification required:  i. 440Volt 60Zh. ii. RPM: 1750. iii. Capacity: 5 to 3800 GPM. iv. Head: 15 to 400 feet TDH. v. Working Pressure: 20 to 30 PSIG.
10.	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.
11.	EDC/ EDD	07 x days
12.	Warranty	01 year
13.	Acceptance criteria	i. Use OEM certified parts. ii. Satisfactory running trials. iii. Achievement of desired suction and discharge pressure.
14.	Any other relevant information	Nil

**IT NO : IT/28/07/2024-25**

<b>IT SPECIFICATIONS FOR DEFECT RECTIFICATION OF MAIN REFRIGERATION PLANT: PMSS KOLACHI</b>					
S No	Description				
1.	Parent Equipment	Main Refrigeration Plant			
2.	Sub Equipment	Refrigerant circuit			
3.	Assembly Equipment	Flexible lines			
4.	Make	JIANGSU JOSUN AIR CONDITIONER CO., LTD			
5.	Model	CZLZ-8			
6.	Required Quantity	S.No	Part Number/Model	Description	Quantity
		a.	As per sample	Flexible lines	08 ✓
		b.	SE55	Compressor Frozen Oil	16 L
		c.	-	Compartment inlet valve	04 ✓
7.					
8.	Justification	Replacement of above mentioned items is required for Main refrigeration plant.			
9.	Detailed scope of work	1. Replacement of following parts: a. Flexible line b. Compressor oil c. Defective valves of different rooms. 2. Gas leak detection and dehydration of leaky system followed by successful trials 3. Gas should be provided by Contractor in any case.			
10.	Technical specifications	As per OEM specifications/ Manual			
11.	Eligibility Criteria	Reputable local/ international contractor having working experience with PMSA			
12.	EDD/ EDC	15 Days after award of contract			
13.	Warranty	OEM specified.			
14.	Acceptance Criteria (if any)	a. OEM Certified item b. Technical specifications should be mentioned c. Complete system leakage free. Gas leakage should be tested with gas leak detector.			
15.	Any other relevant information	Contact MEO (0333-8948563)			



**IT NO : IT/28/08/2024-25**  
**PMSS INDUS/WAREHOUSE**

**IT SPECIFICATION – PMSA DISTINCTIVE NEW UNIFORM ARM BADGES AND ACCESSORIES**

1.	Items	See over leaf
2.	Parent Equipment	PMSA New Distinctive Uniform
3.	Make / Country	Pakistan
4.	Item Description	See Over leaf
5.	Quantity	See Over leaf
6.	Technical Specification	As per sample
7.	Eligibilities	The firm should registered in PMSA and also have NTN/ GST registered.
8.	EDD	15 Working Days after issuance of work/ confirmation order.
9.	Warranty/ Guarantee	01 Year Warranty After Delivery
10.	Acceptance Criteria	<ol style="list-style-type: none"> <li>Sample of fabricated item is to be approved by Warehouse staff before fabrication of whole quantity.</li> <li>Each Badges/ Accessories should be packed in Crystal Polythene Bag.</li> <li>After physical inspection and acceptance of Warehouse Staff.</li> </ol>

**LIST OF BADGES AND ACCESSORIES (PMSA NEW DISTINCTIVE UNIFORM)**

S No	Items	Qty required	S No	Items	Qty required
a.	Pips MCPO	150	(36)	LMEM(M)	160
b.	Pips FCPO	100	(37)	LMEM(L)	60
c.	Pips CPO	200	(38)	LMEM(H)	50
d.	Cap Badge CPOs	300	(39)	LWEM(CEW)	20
e.	Cap Badge POs	500	(40)	LWEM(FC)	25
f.	Cap Badge Ldg & Below	2000	(41)	LWEM(OC)	30
g.	Anchor Badge POs	400	(42)	LWEM(S)	35
h.	Anchor Badge Ldgs	1000	(43)	LMT(GN)	30
j.	Talley PMSA	3000	(44)	LMT(OT)	10
k.	Arm Badge PMSA Monogram	3000	(45)	LMT(CHEM)	05
i.	<b>Branch Badge POs &amp; Below</b>	<b>3000</b>	(46)	LMT(LAB)	05
	(1) MGA-IV	25	(47)	LST(W)	70
	(2) NAG-IV	15	(48)	LST(S)	70
	(3) WIA-IV	10	(49)	LPM	15
	(4) CDA-IV	15	(50)	LPT	05
	(5) CA-IV	30	(51)	LMTD	30
	(6) AAA-IV	08	(52)	L/CHEF	30
	(7) AEA-IV	08	(53)	L/STD	30
	(8) AEMA-IV	08	(54)	LSW	50
	(9) AFA-IV	05	(55)	MGT-I	195
	(10) MEA(M)-IV	60	(56)	NT-I	80
	(11) MEA(L)-IV	40	(57)	WIT-I	80
	(12) MEA(H)-IV	10	(58)	UWT-I	50
	(13) WEA(CEW)-IV	15	(59)	CDT-I	70
	(14) WEA(FC)-IV	10	(60)	CT-I	150
	(15) WEA(OC)-IV	20	(61)	AAT-I	10
	(16) WEA(S)-IV	20	(62)	AET-I	10
	(17) MA(OT)-IV	10	(63)	AEMT-I	05
	(18) MA(X-RAY)-IV	05	(64)	AFT-I	05
	(19) MA(OT)-IV	05	(65)	MEM(M)-I	100
	(20) SA(W)-IV	40	(66)	MEM(L)-I	60
	(21) SA(S)-IV	40	(67)	MEM(H)-I	35
	(22) PO(R)	10	(68)	WEM(CEW)-I	40
	(23) PO/CHEF	20	(69)	WEM(FC)-I	40
	(24) PO/STD	15	(70)	WEM(OC)-I	20
	(25) LMGT	120	(71)	WEM(S)-I	20
	(26) LNT	60	(72)	ST(W)-I	30
	(27) LWIT	60	(73)	ST(S)-I	30
	(28) LUWT	30	(74)	PM-I	50
	(29) LCDT	40	(75)	PT-I	05
	(30) LCT	40	(76)	MTD-I	30
	(31) LST	08	(77)	MTT-I	05
	(32) LAAT	08	(78)	CHEF-I	140
	(33) LAET	05	(79)	STD-I	100
	(34) LAEMT	15	(80)	SW-I	70
	(35) LAFT	10			

IT SPECIFICATION COMMERCIAL REPAIR CASE – MOTOR CYCLE NO 170505 MS  
HONDA 125 DELUXE

1.	SYSTEM	COMMERCIAL REPAIR
2.	MAKE	HONDA
3.	MODEL	2017
4.	VEHICLE NO	170505 MS
5.	ITEM DESCRIPTION	Work Description <b>Following items will be Repair/ Replacement:</b> a. Engine works 1) Head 2) Cylinder 3) clutch plates 4) pressure plate 5) Ring piston b. Wheel Drum (Front & Rear) c. Fuel Tank & Chassis Painting Works d. Front Shocks, Meter & Handle works e. Main Stand & Gear lever f. Brake pad & shoe g. Front brake disk h. Gear shaft i. Cables accelerator, RPM j. Accelerator assembly k. Ignition switch l. Indictor 04 m. Chain cover & sprockets
6.	TECHNICAL SPECIFICATIONS	HONDA Original Spares Parts
7.	PRELIMINARY INVESTIGATION BY SHIP's STAFF	D(MT) / MTO STAFF
8.	ELIGIBILITY	REGISTERED CONTRACTOR
9.	EDC	15 DAYS
10.	WARRANTY	12 MONTH
11.	ACCEPTANCE CRITERIA	→ STAGE INSPECTION BY END USER → SATISFACTORY ROAD TRIALS
12.	ANY OTHER RELEVANT INFORMATION	ALL CONSUMABLES FOR TEST/ TRIALS IS RESPONSIBILITY OF THE CONTRACTED FIRM.

## SCOPE OF WORK – MOTOR CYCLE NO 170505 MS HONDA 125 DELUXE

S No	Work Description Repair/ Replacement	Last Done	Estimated cost (Without Taxes)
1.	Engine works a. Head b. Cylinder c. clutch plates d. pressure plate e. Ring piston	1 <sup>st</sup> Time	Rs. 38,500/-
2.	Wheel Drum (Front & Rear)		
3.	Fuel Tank & Chassis Painting Works		
4.	Front Shocks, Meter & Handle works		
5.	Main Stand & Gear lever		
6.	Brake pad & shoe		
7.	Front brake disk		
8.	Gear shaft		
9.	Cables accelerator, RPM		
10.	Accelerator assembly		
11.	Ignition switch		
12.	Indictor 04		
13.	Chain cover & sprockets		
<b>Total</b>			<b>Rs. 38,500/- (Without Taxes)</b>



**IT NO : IT/28/10/2024-25**

**IT SPECIFICATIONS FOR DEFECT RECTIFICATION OF COMPRESSOR UNIT NO 1, 2 & 4  
PMSS KOLACHI**

S No	Description				
1.	Parent Equipment	Chilled Water Plant			
2.	Sub Equipment	Compressor Unit			
3.	Assembly Equipment	Compressor			
4.	Make	Jiangsu Josun Air Conditioner Co.			
5.	Model	JTLS-230(VI)			
6.	Required Quantity	S.No	Part Number/Model	Description	Quantity
		a.	06.01.081/ ZB114KQE-TFD	Hermetically sealed Compressor	03
		b.	-	Chilled water flow switches	03
7.	Justification	Replacement of above mentioned items is required for Chilled Water Plant			
8.	Detailed scope of work	1. Replacement of following parts: a. Compressor b. Flow Sensors 2. Gas leak detection and vacuum test of defective system followed by successful trials 3. Gas to be provided by Contractor in any case.			
9.	Technical specifications	As per OEM specifications/ Manual			
10.	Eligibility Criteria	Reputable local/ international contractor having working experience with PMSA			
11.	EDD/ EDC	15 Days after award of contract			
12.	Warranty	OEM specified.			
13.	Acceptance Criteria (if any)	a. OEM Certified item b. Technical specifications should be mentioned c. Upon scrutiny of items and provided documents along with production certificate by OEM			
14.	Any other relevant information	Contact MEO (0333-8948563)			

**IT NO : IT/28/11/2024-25**

**IT SPECIFICATIN**

1.	SYSTEM	LPO
2.	VEHICLE NO	37X VEHICLES
3.	ITEM DESCRIPTION	32x DRY POWDER FIRE EXTINGUISHER 1kg. 05x DRY POWDER FIRE EXTINGUISHER 2kg)
4.	TECHNICAL SPESIFICATINOS	MATERIAL AS PER EXISTING
5.	PRELIMINARY INVESTIGATION BYSHIPS'S STAFF	D(MT) / MTO STAFF
6.	ELIGIBILITY	REGISTERED CONTRACTOR
7.	EDD	30 DAYS
8.	WARRANTY	WARRANTY 06 MONTHS
9.	ACCEPTANCE CRITERIA	STAGE INSPECTION BY END USER
10.	ANY OTHER RELEVANT INFORMATION	N/A

**SCOPE OF WORK FOR FIRE EXTINGUISHERS**

S No	Work Description Repair/Replace	UNIT PRICE	Estimated cost (without taxes) Total
1.	a. 32x Fire Extinguisher (01 kg ) New Purchase for LTV Vehicles.	2,200/-	70,400/-
	b. 05x Fire Extinguisher (05 kg) New Purchase for HTV vehicles.	3300/-	16,500/-
Grand Total(Estimated cost without tax)			Rs. 86,900/-

**IT NO : IT/28/12/2024-25**

**PMSS KASHMIR**

IT SPECIFICATIONS – 2 x MARINE LIGHT WATER CHILLER COMPRESSORS												
1.	Parent Equipment	Marine Light Water Chiller (Aft & Fwd)										
2.	Sub Equipment	Hermetically Sealed Compressor										
3.	Assembly Component	Hermetically Sealed Compressor										
4.	Make	Jiangsu Josun Air Conditioner Co. Ltd										
5.	Model	JTLS-230(VI)										
6.	Quantity	02										
7.	Justification	FWT										
8.	Work Required/ Defect	Replacement of compressors of Aft & Fwd chill water plant required due FWT										
9.	Detailed scope of work	a. Replacement of 02 x marine light water chiller compressor b. Installation and STW of 02 x compressors c. Nitrogen gas pressure testing of complete refrigerant circuit d. R404A gas charging (50kg) and satisfactory trials e. Any other growth work										
10.	Technical specs	<table border="1"> <tr> <td>Make</td> <td>Copeland</td> </tr> <tr> <td>Model</td> <td>ZB114KQE-TFD</td> </tr> <tr> <td>Cooling capacity</td> <td>230 WK</td> </tr> <tr> <td>Heating capacity</td> <td>270 KW</td> </tr> <tr> <td>Refrigerant medium</td> <td>R- 404A</td> </tr> </table>	Make	Copeland	Model	ZB114KQE-TFD	Cooling capacity	230 WK	Heating capacity	270 KW	Refrigerant medium	R- 404A
Make	Copeland											
Model	ZB114KQE-TFD											
Cooling capacity	230 WK											
Heating capacity	270 KW											
Refrigerant medium	R- 404A											
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 (iv). Company must have good experience of repair/ maintenance of marine air conditioning compressors (v) Item must be original along with CoC from OEM										
12.	EDC/ EDD	15 Days after award of contract										
13.	Warranty	1 Year										
14.	Acceptance Criteria	Item will be accepted after onboard inspection and satisfactory trials of both chill water plant for 02 x weeks										
15.	Any Other Relevant Information	SS contact (0321-3000503)										

**IT NO : IT/28/13/2024-25**

**PMSS DASHT**

IT SPECIFICATION

S No.	Description	
1.	Parent Equipment	EDBA spare bottles
2.	Sub Equipment	Firefighting Rescue and Safety Equipment
3.	Assembly component	Spare bottles
4.	Make	CHINA
5.	Model	RHZK-6/30
6.	Qty	04 x EDBA Spare Bottles
7.	Justification i.e. PMS/Failure/FW T etc.	Hydrostatics pressure test failed from PND.
8.	Work required/ Defect	Procurement of 04 x new EDBA spare bottles 04 x Demand Valves.
9.	Detailed Scope of Work	Procurement of 04 x new EDBA spare bottles
10.	Technical specs	As per OEM Manual / Specs
11.	Eligibility Criteria	OEM/ Local Rep.
12.	EDD	10 days after issuing of work order.
13.	Warranty	05 x year
14.	Acceptance Criteria	a. OEM Certified item and currant year manufacturing. b. Item will be accepted after satisfactory test/trials onboard. c. OEM Technical documents/warranty certificate of items required. d. Upon scrutiny of items and provided documents i.e. technical specifications 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
15.	Any other relevant Information	Coordinate with MEO/ SS

**IT NO : IT/28/14/2024-25****IT SPECIFICATION OF BRIDGE HUMIDIFIER - PMSS REHMAT**

S No	IT SPECIFICATIONS	
1.	Parent Equipment	Dehumidifier
2.	Sub equipment	-
3.	Assembly component	-
4.	Make	UK, China/ Equivalent
5.	Model	EH1504
6.	Quantity	01
7.	Justification i.e PMS/ Failure/FWT etc	Item is critically required for safety of bridge equipment on boardship.
8.	Work Required/ Defect	Repair/ replacement/ procurement of bridge dehumidifier
9.	Detailed scope of work	Following is scope of work: a. Repairs/ replacement/ procurement of defective dehumidifier. b. Assessment of present range of humidity.
10.	Technical Specs (If any)	Rated voltage: 220 - 240 VAC Freq 50/60 Hz Rated Power 240W Dehumidifying Capacity 10L/Day
11.	Eligibility Criteria	Following is eligibility criteria: a. The firm should visit onboard to understand defect. b. Firm not undertaking the visit onboard ship to see extent of work will not technically qualify. c. The firm has sufficient experience of same kind of work. d. NTN/GST registered.
12.	EDC	02 x Weeks
13.	Warranty	01 x Year warranty after installation.
14.	Acceptance Criteria (if any)	Onboard system trials after installation
15.	Any other relevant information	NA

**IT NO : IT/28/15/2024-25****IT SPECIFICATIONS OF RECEIVER PCB AND RADAR FRONT END MODULE  
TRANSAS RADAR SYSTEM – PMSS REHMAT**

S No	IT SPECIFICATIONS	
1.	Parent Equipment	TRANSAS RADAR-I
2.	Sub equipment	Transceiver assembly unit
3.	Assembly component	Receiver PCB and Radar front-End Module
4.	Make	USA/ ITALY/ UK
5.	Model	NR-4000
6.	Quantity	01 each
7.	Justification i.e PMS/ Failure/FWT etc	Components critically required for operation-ability of Radar and safe navigation/ Electronic Failure
8.	Work Required/ Defect	Repair/ Replacement and installation of Receiver PCB and Radar front-End Module and provision of secondary safety accessories.
9.	Detailed scope of work	a. Repair/ Replacement and installation of Receiver PCB (p/n: EB078502301) and Radar front-End Module (Mod. AGM-100 P/N EX060902) with new one. b. Any accessories/ items required during installation work will be provided by the firm. c. Any other work required to ensure the good quality and optimum performance of work. d. Ensuring satisfactory operation of complete system after installation.
10.	Technical Specs (If any)	220V 50 Hz 24 VDC
11.	Eligibility Criteria	a. As per TSR b. The firm should visit onboard and access the extent of required work. c. The firm should be having good experience to repair/maintenance/ replacement of such system/equipment. d. The firm should be NTN/GST registered. e. Firm to provide services for Transas NR-4000 Radar for rectification of similar defects related to Transceiver unit during warranty period.
12.	EDC	15 x working days after issuance of work order.
13.	Warranty	01 year
14.	Acceptance Criteria (if any)	HATs/ SATs after completion of work
15.	Any other relevant information	Nil

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

## Director General

Pakistan Maritime Security Agency

Plot No 34-A, Dockyard Road

KARACHI

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Fax 99214625

E-Mail [dpcc@pmsa.gov.pk](mailto: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 along with the tender No and date on the envelope containing the technical offer.

b. **COMMERCIAL OFFER:** The price to 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%:

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

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

S.NO	Description	Unit Price	Qty	Total	T/Price
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**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.