

SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 21 x IT SPECIFICATIONS

IT NO: IT/40/01/2024-25

IT SPECIFICATION FOR REPAIR/ REPLACEMENT OF CAPSTAN WINDLESS MOTOR, CONTROL BOX WITH CONTROLLER SWITCH AND STAND – PMSS NUSRAT		
1.	Ship's Name	PMSS NUSRAT
2.	Parent Equipment	Capstan Windless
3.	Sub system	Capstan windless motor, Control box with controller switch
4.	Assembly Components	Motor, Main Control Box with controller switch and stand
5.	Make	China
6.	Model	JZ2-H416 Series
7.	Quantity	01 x Capstan Motor 01 x Main controller box 01 x Controller switch 01 x Control box stand
8.	Justification i.e PMS/ Failure/ FWT etc	Capstan windless motor insulation low and control box stand damaged during sea trip in rough weather
9.	Scope of Works	Scope of work is as under: a. Control box with controller switch and stand to be arranged new as per sample b. Check motor insulation, if weak needs to be improved c. Check clutch break winding insulation, if zero needs to be re-winding d. Check main starter/ supply panel and servicing e. Verification of all cabling and re-marking if required f. All associated cables should be properly secured as per standard g. The firm will be responsible for removal/ installation of Capstan windless motor, control box with controller switch, control box stand and other associated accessories/ fitting h. The firm will arrange all spares, tools and accessories etc required for the same repairing/ replacement j. The firm will be responsible for requirement of external services (i.e portable crane) k. The firm will be responsible for all removal, transportation and installation work during warranty/ guarantee period claims and in case of any re-work l. No growth work will be processed
10.	Work Required/ Defects	Motor insulation degraded, break coil need to re-wind, controller box with control switch and stand
11.	Technical Spec	As per IT Spec
12.	Eligibilities Criteria	a. The firm should visit onboard and carry out inspection to establish the extent of required work b. The firm should having good experience of the same kind of work required onboard c. The firm should be NTN/ GST registered
13.	EDC	05 days after issuance of work/ confirmation order
14.	Warranty/ Guarantee	01 x Year after successful trials/ acceptance
15.	Acceptance criteria	Satisfactory operation of full trials by end user
16.	Any other relevant information	Nil

IT NO: IT/40/02/2024-25
PMSS ZHOB

IT SPECIFICATION FOR DEFECT RECTIFICATION OF IPM 8 PATIENT MONITOR						
S No	Description					
1.	Parent Equipment	IPM 8 Patient(Cardiac) monitor				
2.	Sub equipment	Main parameter board				
3.	Assembly component	Main parameter board				
4.	Model	IPM 8/IPM 10 (Current Model)				
5.	Make	Shenzhen Mindaray Bio-Medical Electronics Co. Ltd. China				
6.	Quantity/Item details	Model	OEM	NSN/Part No	Description	Qty
		IPM 8/10	China	Nil	Patient Monitor	1
7.	Justification	Patient Monitor parameters (NIBP, SPO ² ECG, PR) has failed to perform its functions				
8.	Work required/ Defect	As per OEM Manual/ Specs				
9.	Scope of work	Repair/ replacement of main parameter board and clear errors of all parameters (NIBP, SPO ² ECG, PR)				
10.	Technical specifications	As per technical manual				
11.	Eligibility criteria	Reputable Contractor/ OEM having relevant working experience of patient monitor				
12.	EDD	As Soon As Possible (7 Days)				
13.	Warranty	1 Year				
14.	Acceptance criteria	Must have relevant experience in repairing and servicing of patient monitors				
15.	Any other Info	Contractor may contact SS/ visit onboard ship to resolve any query				

IT NO: IT/40/03/2024-25
PMSS KASHMIR

IT SPECIFICATION: CONDUCT OF PMS ROUTINES RELATED TO MARINE FAN COIL UNITS				
1.	System	Air Conditioning & Ventilation System		
2.	Sub system	Marine Fan Coil Units		
3.	Assembly Component	Misc		
4.	Make	Jiangsu Josun Air Conditioner Company		
5.	Model	CFP-LG & CFP-LM		
6.	Quantity	20		
7.	Justification	PMS Routine		
8.	Work Required/ Defect	Conduct of 02 x Annual PMS Routine alongwith replacement requisite items (if required)		
9.	Scope of Work	<ul style="list-style-type: none"> a. Pressure testing and cleaning of 15 x condensers b. Repair/ replacement of 05 x condensers c. Repair/ replacement of 11 x bearing of motors d. Servicing of all 20 FCUs e. Spares require to conduct the routines will be provided by firm f. Any growth work will be bear by firm. 		
10.	Technical Specs	Description	CFP-LM	CFP-LG
		Cooling capacity	2 KW	2 KW
		Heating capacity	2 KW	2 KW
		Air flow	400 m ³ /h	550 m ³ /h
		Chilled water volume	0.4 m ³ /h	0.6 m ³ /h
11.	Eligibility Criteria	<ul style="list-style-type: none"> a. Have experience to work onboard ships (preferably PMSA ships). b. Company must be certified with HQ PMSA. c. Company must be Income and Sales tax registered 		
12.	EDC	04 weeks after confirmation of order		
13.	Warranty	02 x Years		
14.	Acceptance Criteria	Satisfactory trials of all FCUs for 01 x month		
15.	Any other relevant information	Firm must visit onboard before providing quotation to verify exact scope of work as per JIC (Contact: 0321-3000503)		

IT NO: IT/40/04/2024-25

IT SPECS FOR REPAIR/ MAINTENANCE OF SHIPS GALLEY BAKING OVEN		
PMSS BARKAT		
1.	Ship's Name	PMSS BARKAT
2.	Parent equipment/system	Ship galley cooking range
3.	Sub equipment	Baking oven No 1
4.	Assembly/ equipment	Baking oven
5.	Make	-
6.	Model	-
7.	Qty	01
8.	Justification	Heating element, thermostat and breaker are defective.
9.	Work required	Maintenance of heating element, thermostats, breakers and magnetic contactors.
10.	Detailed scope of work	Heating element, thermostat, breakers, magnetic contactors, volt meter, ampere meter and indications maintenance for sat ops
11.	Technical spec	a. 06 x 1KW 220V Heating element b. 03 thermostat 0-300 °C c. 01 Thermostat C700 (Electric temperature controller) d. 02 Magnetic contactors e. 02 Breakers 32Amp
12.	Eligibilities	a. The firm must visit onboard and carry out diagnoses/inspections to establish the extent of required work. b. The firm must have sufficient experience of same kind of work and experienced. c. The firm should be NTN /GST registered
13.	EDC	07 x days after issuance of work/confirmation order.
14.	Warranty	01 Year
15.	Acceptance criteria	a. Satisfactory work done by the firm. b. Satisfactory trials. c. Acceptance by the end user.
16.	Any other information	-

IT NO: IT/40/05/2024-25
D(MT)

IT SPECIFICATION COMERCIAL REPAIR CASE OF VEHICLE NO 090216 MS SUZUKI JIMNY																						
1.	SYSTEM	COMERCIAL REPAIR																				
2.	MAKE	SUZUKI JIMNY																				
3.	MODEL	2009																				
4.	VEHICLE NO	090216 MS																				
5.	ITEM DESCRIPTION	Following items will be repair/replaced																				
		<table border="1"> <thead> <tr> <th>S No</th> <th>Work Description Repair/Replace</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Complete suspension work</td> </tr> <tr> <td>b</td> <td>Clutch plate pressure plate clutch bearing adjustable bearing</td> </tr> <tr> <td>c</td> <td>Break shoe and brake pads set</td> </tr> <tr> <td>d</td> <td>Dent/paint work complete</td> </tr> <tr> <td>e</td> <td>Wheel alignment service and greasing</td> </tr> <tr> <td>f</td> <td>Steering racks and power steering motor repairing</td> </tr> <tr> <td>h</td> <td>Radiator and front bumper replacement</td> </tr> <tr> <td>j</td> <td>Head lights and wiring repair work</td> </tr> <tr> <td></td> <td>Spark plugs, tuning air filter oil filter</td> </tr> </tbody> </table>	S No	Work Description Repair/Replace	a	Complete suspension work	b	Clutch plate pressure plate clutch bearing adjustable bearing	c	Break shoe and brake pads set	d	Dent/paint work complete	e	Wheel alignment service and greasing	f	Steering racks and power steering motor repairing	h	Radiator and front bumper replacement	j	Head lights and wiring repair work		Spark plugs, tuning air filter oil filter
		S No	Work Description Repair/Replace																			
		a	Complete suspension work																			
		b	Clutch plate pressure plate clutch bearing adjustable bearing																			
		c	Break shoe and brake pads set																			
		d	Dent/paint work complete																			
		e	Wheel alignment service and greasing																			
		f	Steering racks and power steering motor repairing																			
		h	Radiator and front bumper replacement																			
j	Head lights and wiring repair work																					
	Spark plugs, tuning air filter oil filter																					
6.	TECHNICAL SPESIFICATINOS	MATERIAL AS PER EXISTING																				
7.	PRELIMINARY INVESTIGATION BY SHIPS'S STAFF	Q(MT) / MTO STAFF																				
8.	ELIGIBILITY	REGISTERED CONTRACTOR																				
9.	EDD	30 DAYS ✓																				
10.	WARRANTY	WARRANTY 12 MONTHS																				
11.	ACCEPTANCE CRITERIA	STAGE INSPECTION BY END USER																				
12.	ANY OTHER RELEVANT INFORMATION	N/A																				

IT NO: IT/40/06/2024-25

IT SPECIFICATIONS FOR DEEP CLEANING OF BILGES IN ALL MACHINERY COMPARTMENTS – PMSS BASOL		
S No	Description	
1.	Parent Equipment	Machinery compartments
2.	Sub-equipment	Fwd engine room, Aft engine room, Sewage compartment, Chiller compartment, Tunnel compartment & Asp compartment.
3.	Assembly equipment	
4.	Make	CSTC
5.	Model	N/A
6.	Quantity	06 Compartments
7.	Justification	EMP work package
8.	Work required/ Defect	Paintwork (including provision of paint) of 06 x machinery compartments
9.	Detailed scope of work	(a) Washing and deep cleaning will be carried out by KS&EW. (b) Firm is to remove all residue and dust particulars. (c) Firm is to use only recommended and clean cloth. Moreover blast/ explosion proof lighting is to be used by firm while undertaking cleaning/ paint activity. (d) Firm is to apply recommended paint after clearing any corrosion on surface, i.e. surface is to be prepared properly before applying paint. (e) Only recommended Paint is to be procured / used by firm having valid shelf life of at least 01 year. (g) All spares, tools and test equipment are to be arranged by the firm. (h) Any growth work/ damage will be soul responsibility of the firm.
10.	Technical specs	As per OEM Manual/ Specs
11.	Eligibility criteria	(a) Reputable local contractor having working experience on cleaning of bilges in machinery compartments work onboard. (b) Firm must visit site for understanding exact nature of work.
12.	EDC/EDD	10 days
13.	Warranty	One year
14.	Acceptance criteria	Visual inspection along with paint film thickness testing by firm.
15.	Any other information	Nil

IT NO: IT/40/07/2024-25

IT SPECIFICATIONS FOR REPAIR/ REPLACEMENT OF STBD RHIB DIESEL ENGINE - PMSS KOLACHI			
S No	Description		
1.	Parent Equipment	RHIB	
2.	Sub Equipment	Yanmar Diesel Engine	
3.	Assembly Equipment	Piston, Camshaft and crankshaft.	
4.	Make	Yanmar	
5.	Model	4LHA-STP	
6.	Required Quantity	Part Number	Description Quantity
		719000-02870	Bearing 4
		119174-01340	Cylinder Head Gasket 1
		719187-22502	Piston Ring set 4
		719000-02800	Metal, Main 4
		19000-02410	Camshaft Bush 1
7.	Justification	Repair/ replacement of defective parts of STBD RHIB Diesel Engine.	
8.	Work required/ defect	Repairing/ replacement of diesel engine parts of STBD RHIB	
9.	Detailed scope of work	Detail defect inspection/ rectification is required as follow: a. Repair/ replacement of Piston Rings b. Repair/ replacement of cylinder liners c. Crank shaft inspection d. Valve clearance/ adjustment e. Inspection, repair/ replacement of bearings f. Repair/ replacement of head Gasket	
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	01 Year	
14.	Acceptance Criteria (if any)	a. OEM Certified Item b. Technical specifications should meet c. Engine should achieve 3300 rpms without any abnormal vibrations and noise. d. Upon scrutiny of items and provided documents along with production certificate by OEM	
15.	Any other relevant information	Contact MEO (0333-8948563)	

IT SPECIFICATIONS – REPAIR/ REPLACEMENT JMA 5312 RADAR MAGNETRON

S No	Description	
1.	Parent Equipment	JMA 5312 RADAR
2.	Sub Equipment	SCANNER UNIT/ MAGNETRON
3.	Make	JAPAN
4.	Model	MAF1565N
5.	Qty	01
6.	Justification PMS/Failure/FWT	FWT, Clocked >5700 hrs, MTBF is 3000 hrs
7.	Work required/ Defect	Radar not acquiring close/ small targets. Magnetron of the radar needs to be repaired/ replaced for satisfactory operation of the radar.
8.	Detailed Scope of Work	Repairing/ replacement of magnetron and satisfactory operation of the radar.
9.	Technical specs	a. Power output: 10 KW b. Frequency: 9410+-30 MHZ(X-BAND) c. Duty Cycle: 0.001 Max d. Pulse Duration: 0.07-1.25usec e. Anode power i/p: 35W f. Anode Voltage: 6KV
10.	Eligibility Criteria	Reputable local contractor having working experience with PMSA/ OEM authorized reps will be given preference.
11.	EDD/ EDC	10 days
12.	Warranty	12 x Months
13.	Acceptance Criteria	a. Item will be accepted after satisfactory test/ trials onboard. b. OEM Technical documents/ warranty certificate of items required.
14.	Any other relevant Information	Firm must visit onboard for clarification of any query and understanding of requirement before quoting.

**IT SPECIFICATION FOR REPAIR/ REPLACEMENT OF DIRTY LUBE OIL SYSTEM –
PMSS REHMAT**

S No	IT Specifications	
1.	Parent Equipment	Main engines, SSDGs and gear boxes
2.	Sub Equipment	Dirty lube oil system
3.	Assembly Component	Dirty lube oil tank and pump with associated piping
4.	Make	China
5.	Model	-
6.	Quantity	01 x Dirty lube oil tank 01 x Lube oil pump (Electric) 01 x lube oil hand pump Associated piping with main machinery
7.	Justification i.e PMS/ Failure/ FWT etc	Dirty lube oil system is observed degraded due FWT.
8.	Work required/ Defect	Dirty oil system is observed degraded due FWT and same is required to be replaced for satisfactory operation.
9.	Technical Specification	a. Dirty lube oil tank (500 Ltrs) b. Lube oil pump (220VAC 3Phase) c. Associated lube oil piping.
10.	Scope of Work	Following works are required to be undertaken for repair/ replacement of dirty lube oil system of main machinery: a. Dirty lube oil pump is to be overhauled/ replaced. b. Dirty lube oil tank to be opened, cleaned and fitted back after necessary paint work. c. All associated suction piping of lube oil pump (1 inch dia, 20 meters length FER and 15 meters length AER) to be repaired/ replaced with main machinery (04 x main engines, 03 x SSDGs and 04 x gear boxes). d. Lube oil pump discharge pipe to weather deck to be repaired/ replaced. e. All lines valves, elbows, and connectors for suction and discharge piping to be repaired/ replaced. f. All marine version line valves and accessories to be fitted for satisfactory operation. g. 01 x dirty lube oil hand pump to be overhauled/ replaced. h. All spares, special equipment / tools, accessories etc for repair/ replacement for said work to be arranged by the contractor. j. Any damage /in way removal/ defect / wear tear occur during the course of removal and installation of lube oil system is to be repaired/ met by contractor.

11.	Eligibility Criteria	a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work. b. Firms not undertaking the visit onboard ship to see extent of work will not technically qualify. c. The firm must have sufficient experience of same kind of work of lube oil system onboard ship. d. NTN/ GST registered.
12.	EDC	30 Working days
13.	Warranty	01 year
14.	Acceptance criteria	a. Dirty lube oil tank (500 Ltrs) b. Lube oil pump (220VAC 3Phase) c. Associated lube oil piping d. HATs/ SATs by SS.
15.	Any other relevant information	-

IT SPECIFICATION - REPAIR/ REPLACEMENT MARINE VERSION SWITCH/ SOCKETS

S No.	Description	
1.	Parent Equipment	Marine version Switch/Socket
2.	Sub Equipment	Marine version Switch/Socket
3.	Make	As per sample
4.	Model	As per sample
5.	Qty	15
6.	Justification PMS/Failure/FWT	Existing Marine version sockets are defective and same are required to be repair/replaced
7.	Work required/ Defect	Repair/Replacement of defective Marine version sockets according to the international standard of quality.
8.	Detailed Scope of Work	Repair/replacement of defective Marine version sockets according to the international standard of quality is required to prevent fire hazards onboard according to the observation of HQ FOST.
9.	Technical specs	<ul style="list-style-type: none"> a. Max load: 10 amp b. Voltage rating 300/500 VAC c. Frequency range: 50/60 Hz d. Thermal performance: Max conductor temp upto 90c e. Minimum service temperature: -40c f. Fire performance: Flame non propagation g. Low smoke zero halogen h. Type: Portable j. Height: 40mm k. Width: 95mm l. Depth: 100mm m. Wire length: 20m n.
10.	Eligibility Criteria	Reputable local contractor having working experience with PMSA/ OEM authorized reps will be given preference
11.	EDD/EDC	10 days
12.	Warranty	12 x Months
13.	Acceptance Criteria	<ul style="list-style-type: none"> a. OEM Certified item 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.
14.	Any other relevant Information	Firm must visit onboard for clarification of any query and understanding of requirement before quoting.

PMSS BARKAT

REPAIR/ MAINTENANCE OF SYNCHRONIZING UNIT OF SSDGs : PMSS BARKAT		
1.	Ship's Name	PMSS BARKAT
2.	Parent equipment/system	Power Generation and Distribution
3.	Sub equipment	Switchboard
4.	Assembly/ equipment	Synchro scope unit and load shedding module in parallel
5.	Make	N/A
6.	Model	N/A
7.	Qty	01
8.	Justification	Synchro scope unit in parallel is observed defective due to FWT/ Old vintage.
9.	Work required	Synchro scope unit in parallel is required to be repair/ maintenance.
10.	Detailed scope of work	<p>Following work is required to be undertaken for repair/ maintenance of synchro scope unit for operating SSDGs in parallel.</p> <ol style="list-style-type: none"> Synchro scope unit/ method is to be repaired/ maintenance. 03 x mechanical governors of SSDGs to be replaced with electronic control governors for operation in synchronizing method. Parallel system for frequency and voltage meters to be ensured. Synchronizing AVR card to be replaced. KW meters are to be repaired/ replaced. Current transformers (CTs) are to be repaired/ replaced for SAT ops. Load shedding module and auto synchronizing to be replaced for safe operation of SSDGs. Control cables and wiring to repair/ replaced. Repair/ maintenance of 3 Phase bus bar for phase sequence to be carried. Voltage magnitude for operation of SSDGs in parallel to be ensured. Frequency of putting on load SSDGs must watch with bus bar frequency to be ensured. All spares (must be genuine) tools special equipment /accessories required for said Repair/ Maintenance are to be arranged by the firm. Any damage/ defect/wear tear occurred during course of removal, repair and installation of system/equipment will be repaired /met by firm. The firm will be responsible for all removal, transportation and installation work during warranty/ guarantee periods claims in case of any rework. Requirement of external services, if required will be responsibility of firm.
11.	Technical spec	<ol style="list-style-type: none"> 380VAC Main supply 50Hz 3 Phase 220V-240VAC 24VDC Control Supply
12.	Eligibilities	<ol style="list-style-type: none"> The firm must visit onboard and carry out diagnoses/inspections to establish the extent of required work. The firm must have sufficient experience of same kind of work and experienced. The firm should be NTN /GST registered
13.	EDC	07 x days after issuance of work/confirmation order
14.	Warranty	01 Year
15.	Acceptance criteria	<ol style="list-style-type: none"> 380VAC Main supply 50Hz 3 Phase 220V-240VAC 24VDC Control Supply
16.	Any other information	-

IT SPECIFICATION - REPAIR/ REPLACEMENT OF UNINTERRUPTIBLE POWER SUPPLY (UPS) OF DVBS

S No.	Description	
1.	Parent Equipment	DVBS
2.	Sub Equipment	DVBS UPS
3.	Make	FEEJi
4.	Model	DJW-12
5.	Qty	01
6.	Justification PMS/Failure/FWT	Failure: Existing Uninterruptible Power Supply (UPS) Unit is defective and same are required to be repair/ replace.
7.	Work required/ Defect	Repair/ replacement of defective uninterruptible power supply (UPS) is required.
8.	Detailed Scope of Work	Presently, DVBS backup UPS is defective and not providing requisite 24 VDC power supply during TLF/ any other supply shift or failure and same has been repaired multiple times from BMG; however, defect still persists therefore same is required to repair/ replace to restore its Backup supply.
9.	Technical specs	<ul style="list-style-type: none"> a. I/P Voltage Range 220 VAC b. Current:<3.6 A c. Power rating :12AH d. Normal Output Voltage 24 VDC & 27.9 max in buffer mood e. Current Limit: 12 A f. Use: Standby (13.5-13.8V) & Cycle (14.4-15V) g. Charge Characteristics curve: I/U Characteristics curve h. Power in OK: Green LED, battery charge yellow LED, Alarm: Red LED, Floating PDT,30 VAC/DC, MAX 1 A j. Parallel connection to increase buffer time: yes k. Weight: 6 kg l. Rechargeable battery type: Maintenance Free Sealed Lead Acid battery
10.	Eligibility Criteria	Reputable local contractor having working experience with PMSA/ OEM authorized reps will be given preference
11.	EDC/ EDD	15 days
12.	Warranty	12 x Months
13.	Acceptance Criteria	<ul style="list-style-type: none"> a. OEM Certified items. 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.
14.	Any other relevant Information	Firm must visit onboard for clarification of any query and understanding of requirement before quoting.

IT SPECIFICATION OF REPAIR/ MAINTENANCE OF PORT HYDRAULIC RAM- PMSS RAFAQAT

1.	Parent Equipment	Steering system
2.	Sub Equipment	Hydraulic Ram
3.	Assembly Component	Port Hydraulic Ram
4.	Make	USA
5.	Model	N/A
6.	Qty	01
7.	Justification i.e. PMS/ Failure/ FWT etc	Hydraulic Ram leaky.
8.	Work Required/Defect	Repair/ Maintenance of Hydraulic Ram
9.	Detailed scope of work	a. Removal of Defective Hydraulic Ram from System. b. Repair/ Maintenance of Port hydraulic Ram. c. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. d. Requirement of external services, if any will be responsibility of the firm without any liability on the part of ship. e. When visit onboard to carry out inspection to establish the extent of required work. f. Repair /maintenance of complete hydraulic system.
10.	Technical specification	-
11.	Eligibility Criteria	a. The firm should visit onboard and carry out inspection to establish the extent of required work. b. The firm should have experience of the same kind of work. c. The firm should be NTN/GST registered.
12.	EDC	07 days.
13.	Warranty	1 year.
14.	Acceptance Criteria	a. OEM certified material b. Satisfactory running trials c. Successful operation of Hydraulic Ram
15.	Any other relevant information	Nil

IT NO: IT/40/14/2024-25
PMSS INDUS/ WAREHOUSE

IT SPECIFICATION FOR PURCHASE OF STATIONERY ITEMS
FOR ALL PMSA UNITS

S.No	Description	Make/ Model	Den	Qty Req
1.	Board Marker Permanent Black	Dollar	NO	80
2.	Board Marker Permanent Blue	Dollar	NO	80
3.	Board Marker Permanent Red	Dollar	NO	30
4.	Board Marker Eraseable Black	Dollar	NO	80
5.	Board Marker Eraseable Blue	Dollar	NO	80
6.	Board Marker Eraseable Red	Dollar	NO	30
7.	CD (RW)	Maxell	NO	40
8.	Correction Pen	Pelikan	NO	144
9.	Ball Pen Blue	Dollar Clipper	NO	4800
10.	Ball Pen Black	Dollar Clipper	NO	1000
11.	Envelope SE-5 Brown Fine Quality	As per Sample	NO	5000
12.	Envelope Se-5 (White)	As per Sample	NO	200
13.	Envelope SE-6 (A-4 Size) White	As per Sample	NO	300
14.	Envelope SE-6 (A-4 SIZE) Brown	As per Sample	NO	4500
15.	Envelope SE-6A (A-4 SIZE) Brown	As per Sample	NO	3500
16.	Envelope SE-6A (A-4 SIZE) White	As per Sample	NO	300
17.	Envelope SE-8 Brown	As per Sample	NO	2400
18.	Envelope SE-8A Brown	As per Sample	NO	1500
19.	Separator	Kent	Packet	20
20.	Paper Clip Gem Medium (100 Piece)	Dollar	Packet	200
21.	Eraser Soft AL-30	Pelikan	NO	360
22.	File Folder with Clip (Blue)	As per sample	NO	150
23.	Gum Stick 40 GM	UHU	NO	200
24.	Gum Liquid 142 GM	Dollar	BTL	80
25.	Highlighter Yellow	Mercury	NO	120
26.	File Folder Medium (White)	As per sample	NO	60
27.	Mail Foder Clip	As per sample	NO	20
28.	Pointer Uni Ball Eye (Black) (150)	Uni Ball	NO	288
29.	Pointer Uni Ball Eye (Blue) (150)	Uni Ball	NO	288
30.	Pointer Uni Ball Eye (Red) (150)	Uni Ball	NO	100
31.	Pointer Uni Ball Eye Signo .7 (Black)	Signo	NO	288
32.	Pointer Uni Ball Eye Signo .7 (Blue)	Signo	NO	288
33.	Pointer Uni Ball Eye Signo .7 (Red)	Signo	NO	120
34.	Soft Pencil 2HB	Goldfish	NO	360
35.	Posted It Pad Yellow Medium/Large	Kadisi	NO	200
36.	Printer Ribbon Epson LQ 350	Print Rite	NO	120
37.	Punching Machine (Double Hole)	Deli	NO	30
38.	Stapling Machine Medium	Deli	NO	40
39.	Stapling Pin	Dollar	PKT	240
40.	Scale /Ruller Steel (12 INCH)	As per sample	NO	120
41.	Sharpner Steel Small	Dux	NO	200
42.	Signature Flag (Colour Flag)	Index	PKT	180
43.	Scissor Medium Size	DL-75	NO	40
44.	Thumb Pin	Dollar	PKT	80
45.	Red Seal	As per sample	NO	4000
46.	Binder Looseleaf (Large)	As per sample	NO	20
(1).	Eligibilities	The firm should registered in PMSA and also have NTN/ GST registered.		
(2).	EDD	15 Working Days after issuance of work/ confirmation order.		
(3).	Warranty/ Guarantee	01 Year Warranty After Delivery		
(4).	Acceptance Criteria	Accepted By Warehouse Staff/ end user		

IT NO: IT/40/15/2024-25

IT SPECIFICATIONS FOR REPAIR/ REPLACEMENT OF VENTILATION AND EXHAUST FAN FLAPPERS - PMSS BASOL

S No	Description	
1.	Parent Equipment	Ventilation and Exhaust Fan Flappers
2.	Sub Equipment	
3.	Assembly Component	Fan Flapper Blades
4.	Make	China
5.	Model	-
6.	Quantity/Item Details	03
7.	Justification	Ventilation and exhaust fan flappers observed deteriorated.
8.	Work required/Defect	Repair/ replacement of flapper blades.
9.	Scope of work	a. Removal of ventilation and exhaust fan flappers. b. Cleaning of surface and visual inspection. c. Repair/ replacement of damaged/ deteriorated flapper blades. d. Reinstallation of flapper blades. e. Firm is to visit ship before quoting for understanding removal/installation and defect rectification scope.
10.	Technical Specifications	As per OEM Manual/ spec
11.	Eligibility Criteria	Any suitable local contractor who has working experience onboard HINGOL Class ships.
12.	EDC	07 x Days
13.	Warranty	01 x Year
14.	Acceptance Criteria	a. Satisfactorily installation without any deterioration. b. Smooth movement of flapper blades during opening/ closing without any resistance.
15.	Any Other Information	Will have to be completed during docking period.

IT NO: IT/40/16/2024-25
EASTERN WING

IT SPECIFICATIONS FOR REPAIR/ MAINTENANCE OF PMST MAHASEER

1.	Ship's Name	PMST MAHASEER
2.	Parent Equipment	Shafting and Propeller
3.	Sub Equipment	Main Shaft, Coupling and Propeller
4.	Assembly components	As above
5.	Make	GUANGXI YUCHAI Machinery Company LTD (CHINA)
6.	Model	YC6MK280L-C20
7.	Quantity	N/A
8.	Justification i.e PMS Failure/ FWT etc	> Main coupling is broken suspected misalignment in main shaft. > Defcet rectification required for satisfactory operation.
9.	Work Required	Repair/ maintenance of main Shaft and machining of associated accessories/ auxiliaries.
10.	Detail scope of work	Alignment of main Shaft including following works: a. Dismantling of main shaft, Propeller and coupling. b. Machining/ grinding of main shaft and Propeller. c. Repair/ maintenance of brackets. d. Repairs of coupling. e. Re-installment of shaft, Propeller and coupling.
11.	Technical Spec	Part Number YC6MK280L-C20
12.	Eligibilites	Any well-known national/ international firm having good experience for repair/ maintenance of GUANGXI engines and associated auxiliaries/ parts.
13.	EDC	15 days
14.	Warranty	01 year after onboard installation and satisfactory trials
15.	Acceptance Criteria	a. Inspection of all replaced parts by end user. b. Successful trials by end user after onboard installation upto maximum ERPMs/ load.
16.	Any other relevant information	a. Installation/ replacement of marine grade spares/ accessories are to be ensured by contracted firm. b. Dismantling and re-installation of in-way accessories is responsibility of the firm. c. Any breakage/ material failure during dismantling/ installation will be lies with the firm.

IT NO: IT/40/17/2024-25

IT SPECIFICATIONS FOR REPAIR/ REPLACEMENT OF FRESH WATER PUMP - PMSS KOLACHI					
S No	Description				
1.	Parent Equipment	Fresh Water Plant			
2.	Sub Equipment	Fresh Water System			
3.	Assembly Equipment	Fresh Water Pump			
4.	Make	JIANGSU ZHENHUA Pump Industry CO. LTD			
5.	Model	80CLZ-9(Z)			
6.	Required Quantity	S No	Part Number	Description	Quantity
		a.	456ZH-CLZ-09-01	Impeller	01
		b.	GB/T276 1994/6309	Motor bearing	02
		c.	Y160M1-2H-07	Motor shaft	01
		d.	ZH3-35	Mechanical seal	01
		e.	GB/T617	Nut M12	08
		f.	GB/T897	Double head bolt M12X30	08
		g.	GGB/T65	Lock bolt M6x12	08
		7.	Justification	Repair/ replacement of above mentioned items of Fresh water pump.	
8.	Work required	Repair/ replacement of defective/ degraded parts of fresh water pump.			
9.	Detailed scope of work	Detail defect inspection/ rectification is required as follow.			
		a. Repair/ replacement of impeller			
		b. Repair/ replacement of motor bearing			
		c. Repair/ replacement of motor shaft			
		d. Repair/ replacement of nut and bolts			
10.	Technical specifications	As per OEM specifications/Manual			
11.	Eligibilities	Reputable local contractor having working experience with PMSA.			
12.	EDD/EDC	10 days.			
13.	Warranty	1 year for Pump and motor as per acceptance criteria			
14.	Acceptance Criteria (if any)	a. Fresh water pump discharge pressure should be above 2 bar			
		b. Fresh water pump motor current and temperature should be within working range limit			
		c. Pump should be running without any abnormal noise			
		d. Successful harbor trials			
15.	Any other relevant Info	MEO Contact No 03338948563			

IT NO: IT/40/18/2024-25

IT SPECIFICATIONS FOR REPAIR/ REPLACEMENT OF SMOKE HEAT & OPTICAL SMOKE DETECTORS AND MANUAL CALL POINTS – PMSS BASOL				
S No	Description			
1.	Parent Equipment	Fire Alarm System		
2.	Sub Equipment			
3.	Assembly Component	Smoke, Heat & Optical Smoke Detectors And Manual Call Points		
4.	Make	Syncro ASM China		
5.	Model	MAB0161M2		
6.	Quantity/ Item Details	Part No.	Description	Qty
		58000-400	Heat Detector	5
		ORB-OP-52028-APO	IS Optical Smoke Detector	2
		58000-600	Optical Smoke Detector	4
		58100-971/ 58000-920	Manual Call Point	4
7.	Justification	FWT		
8.	Work Required/ Defect	Smoke Detector, Heat Detector, Optical Smoke Detector and Manual Call points are malfunctioning. Same are required to be repaired/ replaced for satisfactory operation of the system.		
9.	Scope of work	a. Replacement of all detectors through trained technicians.		
		b. Functional replacement can be undertaken for non-available/ obsolete component.		
		c. Onboard test/ trials to be conducted after replacement.		
		d. Spare(s)/ components required for repair work will be arranged by contractor.		
		e. Contractor may inspect switching power supply/ module through onboard visit.		
		f. Any growth work during replacement will be borne by the contractor. Ship will not provide any spare part/ additional amount in case of growth work.		
		g. Any damage to the system during onboard testing of switching power supply will be borne by contractor.		
10.	Technical specs (if any)	As per OEM manual/ Specs		
11.	Eligibility Criteria	Suitable contractor having working experience on Electronics/ Electrical equipments with PMSA.		
12.	EDC	2 weeks		
13.	Warranty	One year service and components warranty after successful trials.		
14.	Acceptance Criteria	a. Successful test and trials onboard ship.		
		b. Certified spares to be used for avoiding damage to ship systems.		
15.	Any other relevant Information	SS may be contacted for any further query/ requirement.		

IT NO: IT/40/19/2024-25

IT SPECIFICATION CHEMICAL CLEANING/ RESTORATION OF DRAIN PIPES AND MISC PIPES PMSS BASOL		
S No	Description	
1.	Parent Equipment	Sewage system/ Drain pipes system
2.	Sub-equipment	
3.	Assembly equipment	
4.	Make	CSTC
5.	Model	N/A
6.	Quantity	15 x Drain Pipes
7.	Justification	EMP work package
8.	Work required	High Pressure Water Flushing and Chemical Cleaning required
9.	Detailed scope of work	a) Visual inspection of sewage and drain pipes. b) Chemical cleaning of sewage and drain pipes. c) High pressure fresh water flushing of sewage and drain pipes. d) Restoration of sewage and drain pipes if required. e) Leakage testing/inspection of sewage and drain pipes.
10.	Technical specs	As per OEM Manual/ Specs
11.	Eligibility criteria	a). Reputable local contractor having working experience on chemical cleaning/ inspection of drain pipes work onboard. b). Firm must visit site for understanding exact nature of work.
12.	EDC/EDD	10 days
13.	Warranty	One year
14.	Acceptance criteria	Visual inspection along with pressure testing without any leakages by firm
15.	Any other information	Nil

IT NO: IT/40/20/2024-25
PMSS KASHMIR & KOLACHI

IT SPECIFICATIONS: REPAIR/ REPLACEMENT OF DIESEL GENERATOR RUBBER IMPELLERS & CAM LINER OF PMSS KASHMIR & KOLACHI			
1.	Parent Equipment	Main Diesel Generator	
2.	Sub Equipment	Sea water pump	
3.	Assembly Component	Rubber Impellers	
4.	Make	Cummins	
5.	Model	KTA-19 DM	
6.	Quantity	Part No	Description
		18789-0001	Rubber Impeller 12
		18785-0000	Cam Liner 06
7.	Justification	FWT	
8.	Work Required	Repair/ replacement of original imported rubber impellers	
9.	Scope of Work	Repair/ replacement of original imported rubber impellers	
10.	Technical specifications	S No	Description
		a.	No of Blade 09
		b.	Dia 117.6mm
		c.	Width 88.5mm
		d.	Shaft Dia 25mm
11.	Eligibility Criteria	(i). Have experience to work for ships (preferably PMSA ships). (ii). Company must be certified with IIC PMSA. (iii). Company must be Income and Sales tax registered.	
12.	EDC/ EDD	15 Days after award of contract	
13.	Warranty	1 Year	
14.	Acceptance Criteria	a. Original imported rubber impeller b. Technical specifications should be mentioned c. Upon scrutiny of items and provided documents along with OEM CoC.	
15.	Any Other Information	Relevant	SS contact (0321-3000503)

**IT SPECIFICATION FOR REPAIR/ REPLACEMENT OF ZINC ANODES-PMSS
KOLACHI**

1.	Parent Equipment	Sea water system				
2.	Sub Equipment	Zinc anodes				
3.	Assembly Component	Nil				
4.	Make	Local vender				
5.	Model	Nil				
6.	Required Quantity	As mentioned in scope of work				
7.	Justification	PMS/ Consumable item				
8.	Work Required	Repair/ replacement of zinc anodes of all machinery installed onboard				
9.	Detailed scope of work	Repair/ replacement of Zinc anodes are as per following requirements				
		S No	Parent Equipment	No of Anodes	Qty	Sample
		1.	Main engine heat exchanger	08 in each engine: total 16	32	Yes
		2.	Gearbox Coolers	04 in each: total 08	16	Yes
		3.	Diesel Generators coolers	06 in each DG: total 18	36	Yes
		4.	Stern seal strainer	02 in each: total 04	08	Yes
		5.	CPP coolers	04 in each: total 08	16	Yes
		6.	Steering system coolers	04 in each: total 16	32	Yes
		7.	RHIB engine sea water cooler	02 in each: total 04	08	Yes
		8.	RHIB boat bucket (Round Type)	06 in each: total 12	24	Yes
		9.	RHIB boat bucket (Rod Type)	06 in each: total 12	24	Yes
		10.	RHIB boat shaft (Small)	02 in each: total 04	08	Yes
		11.	RHIB boat shaft (Large)	02 in each: total 04	08	Yes
		12.	Chiller unit strainers	02 in each: total 04	08	Yes
		13.	Package AC coolers	03 in each: total 12	24	Yes
		14.	Main fridge coolers	04 in each: total 08	16	Yes
		15.	Fin stabilizer coolers	04 in each: total 08	16	Yes
		16.	Main sea chest strainer	01 in each: total 04	08	Yes
		17.	Fire main sea chest	01 in each: total 03	06	Yes
		18.	Fire water retaining pump strainer	01	02	Yes
	19.	Fire canon sea chest strainer	01	02	Yes	
10.	Technical Specification	99.99% pure zinc material should be used. Size should be as per sample				
11.	Eligibilities	N/A				
12.	EDC/ EDDs	02 x weeks after confirmation of order				
13.	Warranty	One year shelf life and 06 Months running in system				
14.	Acceptance Criteria (if	Material should be as per requirement				
15.	Any other relevant info	Contact SS (Call No D3338948563)				

IT NO: IT/40/22/2024-25
PMSA 93 SQN

IT SPECIFICATION FOR PROCUREMENT OF 04 X 07 MEN LIFE RAFT – DEFENDER AIRCRAFT		
1.	Ship's Name	93 PMSA SQN
2.	Parent Equipment	Life Saving Equipment (LSE)
3.	Sub Equipment	Self
4.	Assembly equipment	Self
5.	Make	Ireland
6.	Model	RFD Aviation Air Droppable Self Inflatable 7 Men Life Raft with Survival Pack (Part No 00029021)
7.	Quantity	04 ✓
8.	Justification	Required for SAR operations
9.	Work Required/ Defect	Procurement of Air Droppable Self Inflatable 04 x 7 Men Life Raft with Survival Pack
10.	Detailed Scope of Work Required by Repair Agency	Procurement of 04 x 07 Men Life Raft
11.	Technical specs (if any)	--
12.	Eligibilities	<p>a. Item procured to be in NEW CONDITION only from OEM or OEM authorized vendors.</p> <p>b. Firms have to provide authorization letter of their principal firms.</p> <p>c. Firms need to include freight/ insurance charges and custom duties/ taxes, etc. (as applicable) in quotation.</p> <p>d. Firms need to get import/ export licenses from respective abroad firms/ agencies where applicable.</p> <p>e. In case of failure to meet acceptance criteria, any defect during physical/ operational testing or occurrence of defect during warranty period, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time.</p> <p>f. Firm is to ensure and resolve all supply chain issues prior quoting and final signing of contract for procurement of life raft to PMSA.</p>
13.	EDD	04 weeks after award of contract
14.	Warranty	01 Year
15.	Acceptance criteria (if any)	<p>a. As per standard acceptability criteria by OEM.</p> <p>b. Satisfactory physical condition and operational check of items (Where applicable)</p> <p>c. Provision of log book/ card.</p> <p>d. Provision of Operator/ Maintenance Manual</p> <p>e. SOLAS/ USCG/ TSO certification for life raft or any equivalent approved certification</p> <p>f. Provisioning of certification/ validation for use on aircraft.</p>
16.	Any other relevant information	--

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.

c. **BID SECURITY:** All registered firms are exempted from provision of bid security upto Rs.500,000/- and unregistered firms have to provide bid security equals to 02% for bids amounting upto Rs.500,000/- in the shape of Pay Order in favor of "IT Sale Account DG PMSA". Furthermore, firms are required to deposit bid security not exceeding 05% of the bid price for bid value amounting more than Rs.500,000/-. Moreover, following guidelines will be followed:

- i. 2% from registered firms.
- ii. 5% from un-registered firms.

d. Total price of the items quoted against the tender is to be clearly mentioned. It should also contains a **pay order 2% or 5% in the shape of pay order of the offered value** as earnest money. Cross cheque or cash is not acceptable in this case. The offer received without earnest money will be rejected.

e. **SPECIAL INSTRUCTIONS:** Tender documents and its conditions may please be read point to point and understood properly before quoting. All tender conditions should be responded properly. In case of any deviation due to non-

acceptance of tender conditions, the same should be highlighted alongwith changed offer / conditions. Tender may however be liable to be rejected.

PREPARATION OF 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
-------------	--------------------	------------	----------------	----------------------	--------------------

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(l).

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.