

SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 24 x IT SPECIFICATIONS

IT NO : IT/11/01/2024-25

IT SPECIFICATION: INSTALLATION OF INTRUDER ALARM SYSTEM/FLUSH MOUNTED LOCK/PYRO LOCKER/INDICATOR TEST PLUG FOR SAFE STOWAGE OF AMMO IN 30MM, 12.7MM AND SMALL ARMS MAGAZINE

1.	Parent equipment	30mm, 12.7mm and Small Arms Magazines
2.	Sub-equipment	a. 02 x Out to fish eye viewing (f.e.v) is required in 12.7mm and Small Arms magazines.
3.	Assembly component	b. 01 x Intruder Alarm System is required for 30mm magazine. c. 01 x Pyro locker is required for safe stowage of Pyro d. 03 x Flush mounted locks in 30mm, 12.7mm and Small Arms magazines. e. 03 x Indicator Test Plugs in 30mm, 12.7mm and Small Arms magazines.
4.	Make	Nil
5.	Model	Nil
6.	Quantity	a. 02 x Out to fish eye viewing (f.e.v) is required in 12.7mm and Small Arms magazines. b. 01 x Intruder Alarm System is required for 30mm magazine. c. 01 x Pyro locker is required for safe stowage of Pyro d. 03 x Flush mounted locks in 30mm, 12.7mm and Small Arms magazines. e. 03 x Indicator Test Plugs in 30mm, 12.7mm and Small Arms magazines.
7.	Justification i.e PMS/Failure	FMG (WE) observations.
8.	Work Required/ Defect	02 x Out to fish eye viewing (f.e.v) is required in 12.7mm and Small Arms magazines. Intruder Alarm System is required for 30mm magazine. Pyro locker is required for safe stowage of Pyro 03 x Flush mounted locks in 30mm, 12.7mm and Small Arms magazines. 03 x Indicator Test Plugs in 30mm, 12.7mm and Small Arms magazines.
9.	Detailed Scope of Work	a. 02 x Out to fish eye viewing (f.e.v) is required in 12.7mm and Small Arms magazines. Intruder Alarm System is required for 30mm magazine. Pyro locker is required for safe stowage of Pyro 03 x Flush mounted locks in 30mm, 12.7mm and Small Arms magazines. 03 x Indicator Test Plugs in 30mm, 12.7mm and Small Arms magazines. b. Satisfactory system trials
10.	Technical Specs	As per OEM manual
11.	Eligibility Criteria	Reputable local contractor / OEM local rep having working experience with PMSA and 15HT MPVs
12.	EDC	03 x week
13.	Warranty	01 Year after provision

14.	Acceptance Criteria	a. Installation of quoted items is responsibility of contractor. b. Satisfactory onboard trials regarding installation of said systems according to Technical specifications. c. Upon scrutiny of items and provided documents i.e. technical specification along with production certificates by OEM
15.	Any other information	Firms are requested to visit site before quoting of further information

REPAIR/ REPLACEMENT OF 1 TON SPLIT AC – PMSS REHMAT

S No	IT Specifications	
16.	Parent Equipment	General Habitability onboard
17.	Sub Equipment	Split AC
18.	Assembly Component	1 Ton (12000 BTUs)
19.	Make	Any reputable brand preferably DAWLANCE, GENERAL, LG or ACSON
20.	Model	LG or ACSON
21.	Quantity	01 in No
22.	Justification i.e PMS/ Failure/ FWT etc	01x 1 Ton split AC performance is observed degraded due FWT.
23.	Work required/ Defect	Repair/ replacement of 01 x 1 ton split AC is required.
24.	Technical Specification	a. 12000 BTU b. 220V 50Hz c. Copper material for inner and outer coil.
25.	Scope of Work	Following work is required to be undertaken for repair/ replacement of 1 ton AC: a. Provisioning of 01x Split Air Conditioner alongwith all accessories including safety breaker. b. Split Air Conditioner with copper condenser in outdoor unit and copper evaporator in Indoor unit. c. 7"/44" supply cable and installation is required. d. Slim inner unit be preferred considering the installation space. e. Inverter AC is not to be preferred and plain AC with R-22 refrigerant to be ensured.
26.	Eligibility Criteria	a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work. b. Income tax registered. c. Sales tax registered.
27.	EDC	1 week after issuance of Work order.
28.	Warranty	Company's warranty for 1 year.
29.	Acceptance criteria	a. 12000 BTU b. 220V 50Hz c. Copper material for inner and outer coil. d. Inspection and satisfactory trials by end user.
30.	Any other relevant information	-

IT SPECIFICATION OF ELECTRIC WATER COOLER - PMSS REHMAT

S No	IT SPECIFICATIONS	
1.	Parent Equipment	Electric water cooler
2.	Sub equipment	-
3.	Assembly component	-
4.	Make	MECO / Equivalent
5.	Model	ME-20 GLN/ Equivalent
6.	Quantity	01
7.	Justification i.e PMS/ Failure/FWT etc	Item is critically required for provision of healthy water on FWT.
8.	Work Required/ Defect	Repair/ replacement of electric water cooler.
9.	Detailed scope of work	Following is the scope of work: a. Complete repair/ replacement of defective electric water cooler b. Provision and installation of electric water cooler with all accessories w.r.t rectification of system. c. Assurance of clean and cool water.
10.0	Technical Specs (if any)	Input Power Supply:220 VAC Freq 50/60 Hz
11.	Eligibility Criteria	Following is the eligibility criteria: a. The firm should visit onboard to understand details of work. b. Firm not undertaking the visit onboard ship for 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 SPECIFICATION FOR BILGES CLEANING AND PAINT WORK - PMSS NUSRAT

S No	IT Specifications																			
1.	Parent Equipment	Machinery Compartments																		
2.	Sub Equipment	FER, AER, MCR, EVAC, AC and Steering Compartment																		
3.	Assembly Component	Bilges Area																		
4.	Make	Nil																		
5.	Model	Nil																		
6.	Qty	06																		
7.	Justification i.e PMS/ Failure/ FWT etc	Bilges of Main Machinery Spaces, EVAC, AC and Steering Compartment have excessively deteriorated																		
8.	Detailed Scope of work	<p>Scope of work is as under:</p> <p>a. Bilges cleaning and anti-rust painting of FER, AER, MCR, EVAC, AC and Steering Compartment as per defined area.</p> <table border="0"> <tr> <td>(1)</td> <td>FER</td> <td>23 x 25 ft = 575 sq ft</td> </tr> <tr> <td>(2)</td> <td>AER</td> <td>25 x 26 ft = 650 sq ft</td> </tr> <tr> <td>(3)</td> <td>MCR</td> <td>10 x 06 ft = 60 sq ft</td> </tr> <tr> <td>(4)</td> <td>EVAC</td> <td>18 x 11 ft = 198 sq ft</td> </tr> <tr> <td>(5)</td> <td>AC Compartment</td> <td>10 x 06 ft = 60 sq ft</td> </tr> <tr> <td>(6)</td> <td>Steering Compart</td> <td>10 x 18 ft = 180 sq ft</td> </tr> </table> <p>b. Bilges cleaning and painting will include following:</p> <ol style="list-style-type: none"> (1) Cleaning of bilges manually with soft, hard brushes and power tools. (2) Cleaning of all outfitting in bilges area. (3) Chemical cleaning of bilges / outfitting area. (4) Chipping / Scrubbing of old paint. (5) Applying 02 coat of primer. (6) Applying 02 coat of finisher with AKzonobel epoxy paint. (7) Ship's husbandry color scheme i.e Dark grey (4145). (8) Painting of all bilges / outfitting with primer. <p>d. The firm will arrange all spares, tools and accessories etc required for the same work.</p>	(1)	FER	23 x 25 ft = 575 sq ft	(2)	AER	25 x 26 ft = 650 sq ft	(3)	MCR	10 x 06 ft = 60 sq ft	(4)	EVAC	18 x 11 ft = 198 sq ft	(5)	AC Compartment	10 x 06 ft = 60 sq ft	(6)	Steering Compart	10 x 18 ft = 180 sq ft
(1)	FER	23 x 25 ft = 575 sq ft																		
(2)	AER	25 x 26 ft = 650 sq ft																		
(3)	MCR	10 x 06 ft = 60 sq ft																		
(4)	EVAC	18 x 11 ft = 198 sq ft																		
(5)	AC Compartment	10 x 06 ft = 60 sq ft																		
(6)	Steering Compart	10 x 18 ft = 180 sq ft																		

		<p>f. The firm will be responsible for requirement of external services.</p> <p>g. The firm will be responsible for any damage, defect and wear tear occur during the course of removal, repair and installation of system/ equipment will be repaired.</p>
9.	Work Required/ Defect	Bilges cleaning and anti-rust paint of machinery spaces is required
10.	Technical Specs	As per IT Spec
11.	Eligibility Criteria	<p>a. The firm should visit onboard and carry out inspection and establish the extent of required work.</p> <p>b. The firm should be having good experience of the same kind of work required onboard.</p> <p>c. The firm should be NTN/ GST registered.</p>
12.	EDC	30 days after issuance of work/ confirmation order
13.	Warranty	01 Year
14.	Acceptance Criteria	Bilges cleaning and anti-rust painting of FER, AER, MCR, EVAC, AC and Steering compartment
15.	Any other relevant information	Nil

IT SPECIFICATIONS OF FIREMAIN SEA WATER LINES - PMSS NUSRAT

S No	IT Specifications													
1.	Parent Equipment	Firemain System												
2.	Sub Equipment	Firemain sea water lines												
3.	Assembly component	Firemain Sea water lines												
4.	Make	Stainless Steel <i>grade 316L of</i>												
5.	Model	N/A												
6.	Qty	02												
7.	Justification i.e PMS/ Failure/ FWT etc	FWT												
8.	Work Required / Defect	Repair/ renewal of firemain lines as per sample.												
9.	Scope of Work	<p>1. 02 x Firemain sea water lines specifications are as follows:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>S No</th> <th>DIA (Inch)</th> <th>Length</th> <th>No. of Flanges</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>2"</td> <td>5'</td> <td>03</td> </tr> <tr> <td>b.</td> <td>3"</td> <td>4'</td> <td>04</td> </tr> </tbody> </table> <p>2. Repair/ renewal of sea water lines includes:</p> <p>a. Removal of lines.</p> <p>b. Lines to be made new as per sample.</p> <p>c. Pressure testing up to 10 bar.</p> <p>d. Installation of lines.</p> <p>3. Operational availability of Fire Main Pumps to be ensured during the said repair / maintenance.</p> <p>4. The firm will be responsible for welding/ cutting, if required.</p> <p>5. The firm will arrange all spares, tools and accessories etc required for the same work.</p> <p>6. The firm will be responsible for requirement of external services.</p> <p>7. The firm will be responsible for all removal, transportation and installation work during warranty/ guarantee period claims and in case of any re-work.</p>	S No	DIA (Inch)	Length	No. of Flanges	a.	2"	5'	03	b.	3"	4'	04
S No	DIA (Inch)	Length	No. of Flanges											
a.	2"	5'	03											
b.	3"	4'	04											
10.	Technical Spec	Material Stainless Steel is to be used.												
11.	Eligibility Criteria	<p>a. The firm must visit onboard and carry out inspection to establish the extent of required work.</p>												

		<p>b. The firm must have good experience of same kind of work required onboard.</p> <p>c. The firm must be NTN/ GST registered.</p>
12.	EDC	07 x working days after issuance of work order.
13.	Warranty	01 x year
14.	Acceptance Criteria	Satisfactory operation of Fire Main Pumps pressure at 6.5 Bar.
15.	Any other relevant information	Nil

PMSS BASOL

IT SPECIFICATION FOR DEFECT RECTIFICATION/ REPLACEMENT OF ELECTRONIC CONTROL MODULE OF GENSET NO 2

S No	Description	
1.	Parent Equipment	CAT C9 Marine Genset No. 2
2.	Sub Equipment	Control system
3.	Assembly Comp	Electronic Control Module
4.	Make	Caterpillar
5.	Model	24-5302-02/ 10R-5647
6.	Qty	01
7.	Justification	Malfunctioning of Electronic Control Module
8.	Work Required/ Defect	Defect rectification/ replacement of Electronic Control Module.
9.	Detailed Scope of Work	Defect rectification/ replacement of Electronic Control Module including following: a. Replacement of Electronic Control Module. b. Removal and installation of in way accessories, cables and connections. c. Satisfactory trials of Genset.
10.	Technical Specs	As per OEM/ Technical manual.
11.	Eligibilities	Any reputable local contractor or OEM authorized Rep having experience of CAT C9 Gensets
12.	EDC	07 days
13.	Warranty	01 year after Satisfactory trials of Genset
14.	Acceptance Criteria	a. OEM Certified spares. b. Technical specifications of item alongwith tech manual and document to be provided by contractor. c. Satisfactory operation of Genset control system. d. Item must be genuine, packed and compatible with existing system.
15.	Any other Info	Nil

IT SPECIFICATION FOR DEFECT RECTIFICATION/ REPLACEMENT OF EXPANSION VALVE
OF COMPRESSOR NO.3 – PMSS BASOL

S No.	Description	
1.	Parent Equipment	Air Conditioning System JTLS-168 (IV) Marine Light Water Chiller
2.	Sub Equipment	Compressor No.3
3.	Assembly component	Expansion Valve
4.	Make	Jiangsu Josun Air Conditioner Co., Ltd
5.	Model	TER14SC (X9117B6B, 9152, XC-726SC2B)
6.	Qty	01
7.	Justification	Defective expansion valve
8.	Work req/ Defect	Procurement and replacement of expansion valve
9.	Detailed Scope of Work	a. Procurement of expansion valve b. Replacement/ installation of expansion valve. c. Satisfactory test/ trials. d. All tools and test equipments will be arranged by firm/ contractor
10.	Technical specs (if any)	As per OEM Manual/ Specs
11.	Eligibilities	Reputable local contractor having working experience of Chiller Plant repairs onboard MPVs
12.	EDC	7 x Days
13.	Warranty	One Year warranty after test/ trials or as recommended by OEM
14.	Acceptance Criteria	a. OEM Certified spares. b. Upon scrutiny of item and provided documents i.e. technical specifications c. Satisfactory operation of expansion valve
15.	Any other 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 SPECIFICATION FOR REPLACEMENT OF RADIATOR OF GENSET NO 3 – PMSS
BASOL

S No	Description	
1.	Parent Equipment	GENSET No 3
2.	Sub Equipment	Radiator
3.	Assembly Component	Radiator
4.	Make	Caterpillar
5.	Model	C9
6.	Qty	01
7.	Justification	FWT
8.	Work Required/ Defect	Replacement of radiator due leakage in the radiator.
9.	Detailed scope of work	<p>a. Contractor is to dismantle existing radiator very carefully by his own labour.</p> <p>b. Contractor is to ensure heat proof painting of GENSET No 3 radiator onboard ship.</p> <p>c. Contractor is to take exact measurements of all parts of radiator which should include location of holes (for nuts and bolts) for replacement of new radiator.</p> <p>d. Contractor is to fabricate new radiator of 316L Stainless Steel exactly as per sample. GENSET is to be trial for 24 hours with new radiator. If noise or vibration is present, contractor is to modify as necessary.</p> <p>e. Replacement of after cooler.</p> <p>f. Contractor is to use new stainless steel 316L bolts, nuts and washers for installation of new radiator.</p>
10.	Technical specs (if any)	As per OEM manual/ Specs
11.	Eligibilities criteria	Local contractor and his workers having working experience of fabricating, repairing stainless steel 316L frames.
12.	EDC	EDC for replacement and installation of new stainless steel 316L radiator is one week after issuance of work order.
13.	Warranty	02 x year material warranty of newly fabricated stainless steel radiator. Moreover, it should remain vibration free and noise free.
14.	Acceptance Criteria	<p>a. Upon provision of warranty certificate to ship staff for radiator.</p> <p>b. After completion of complete work as mentioned in S.No 9'a' to 'f'</p>
15.	Any other relevant Information	Contractor is to do all works/ coordination on/ with ship staff only between 0900 to 1600 hrs timing.

**IT SPECIFICATION FOR REPAIR/ MAINTENANCE OF STBD & PORT MDEs AND
SSDG STARTERS MOTOR - PMSS SABQAT**

1.	Parent Equipment.	Stbd and Port MDEs and SSDGs
2.	Sub Equipment	Starters motor
3.	Assembly Component	-
4.	Make	Caterpillar USA
5.	Model	C18194P1 and 8C 3647
6.	Qty	06 (02x Each MDEs and 01x Each SSDG)
7.	Justification i.e PMS/Failure/ F W T etc	Stbd & Port MDEs and SSDGs starters motor is observed malfunctioning in starting cycle
8.	Work required/ defect	Repair/ Maintenance of Stbd & Port MDEs and SSDGs starters motor
9.	Detailed scope of work	Repair/ Maintenance of Stbd & Port MDEs and SSDGs starters motor include under mentioned jobs. <ul style="list-style-type: none"> a. Remove Stbd & Port MDEs and SSDGs starters motor from engines. b. Rebuild/ servicing of starters motor are to be carried out. c. Overhauling of starters motor. d. Replace the defective components of starters motor. e. Install the Both MDEs and SSDGs starters motor after repair and overhauling. f. Any damage occurs during the course of removal and installation work will be done by firm without any liability/ responsibility on part of the ship/ PMSA. g. All material, spare, tools, special equipment and accessories required for said work are to arranged by contractor. h. Requirement of external services if any will be responsibility of the firm without any liability on the part of the ship. j. Repair defective items are same hand over to SS.
10.	Technical Specification	24 VDC
11.	Eligibilities	<ul style="list-style-type: none"> 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	15 days
13.	Warranty	01 year after successful trials.
14.	Acceptance Criteria (if any)	<ul style="list-style-type: none"> a. OEM certified spares. b. Successful starting of Both MDEs and SSDGs c. Running trials of Both MDEs and SSDGs
15.	Any other relevant information	Nil

**IT SPECIFICATION FOR PROCUREMENT OF RHIB BOATS & CRANE COVERS CLOTH
PMSS HINGOL**

S No	Description	
1	System	Upper deck fittings
2	Sub system	N/A
3	Make	Local vendor
4	Model	As per requirement
5	Dimensions	Various (02 x RHIB Boats cover, 01 x Crane cover)
6	Quantity	200 Meters
7	Part No/ Patt No	N/A
8	Material description (where applicable)	Awning cloth (D-1600 water proof) to cover 200 meters approximately with copper eyelet at 6 inch interval ends sewed with nylon belt and 5 mm lashing rope.
9	Detailed scope of work	a. Procurement of above mentioned item. b. Satisfactory trials after rigging onboard ship.
10	Eligibilities	a. Have experience of Awning cloth fabrication for ship (preferably PMSA Ships). b. Company must be certified with HQ PMSA. c. Company must be income and sales tax registered.
11	EDC	03 x weeks after receiving of work order.
12	Warranty	01 Year
13	Acceptance criteria (if any)	a. Item will be accepted after satisfactory rigging onboard. b. Manufacturer will provide warranty certificate of item if required. c. Upon scrutiny of items and provided documents i.e technical specifications alongwith production certificate by manufacturer. d. Items must be genuine and packed. Aftermarket products will not be accepted.
14	Any other relevant information	Vender will visit onboard for clarification of any query and better understanding of design and fabrication.
15	Term of payment	100% Payment on completion of work.

**IT SPECIFICATIONS FOR SEA WATER LINES OF FORWARD AND AFT
CHILLED WATER PLANT: PMSS KOLACHI**

S N	Description				
1.	Parent Equipment	Chilled Water Plant			
2.	Sub Equipment	Sea water circuit			
3.	Assembly Equipment	PVC Branch Lines			
4.	Make	PVC			
5.	Model	GZ15210-11-JTLS-230			
6.	Required Quantity	S.No	Part Number/ Model	Description	Qty
		a.	50300162155	PVC Loose Joint	24
		b.	50 721960110	PVC pipe cap	48
		c.	50/32 721200164	PVC reducing tee	72
		d.	50 721300110	PVC Cross	24
		e.	50/32 721900353	PVC short reducing sleeve	24
		f.	50 161017110C	PVC Pipe	5
		g.	Inner Dia 28	Rubber braided hose	14
		h.	φ21-φ44	Stainless steel clamp	192
		j.	32 721960408	PVC hose connector	96
7.	Justification	Replacement of above mentioned items is required for Chilled Water Plant			
8.	Detailed scope of work	<ol style="list-style-type: none"> 1. Replacement of above mentioned parts. 2. Pressure testing followed by successful trials 			
9.	Technical specifications	As per OEM specifications/ Manual			
10.	Eligibility Criteria	Reputable local/ international contractor having working experience with PMSA			
11.	EDD	15 x Days after award of contract			
12.	Warranty	One Year			
13.	Acceptance Criteria (if any)	<ol style="list-style-type: none"> 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 (0336-2490044)			

IT SPECIFICATION OF RADAR GPS - PMSS REHMAT

S No	Specification	Remarks
1.	Parent Equipment	Transas Radar
2.	Sub Equipment	GPS
3.	Assy Components	-
4.	Make	Taiwan / Equivalent
5.	Model	Garmin 585
6.	Quantity	01
7.	Justification i.e PMS/ Failure/ FWT etc	Item critically required for maintaining operationability w.r.t safe navigation. and smooth operation of radar.
8.	Work required/ Defect	Repair/ replacement of Radar GPS
9.	Detailed scope of work	Following included in scope of work: a. Complete repair/ replacement of GPS. B Provision of all accessories for safe navigation
10.	Technical Specification	Power supply: 24 VDC
11.	Eligibility Criteria	Following eligibility criteria be ensured: a. The firm should visit onboard to understand defect. b. Firm not undertaken 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.	EDD	01 x Weeks
13.	Warranty	01 x year warranty after satisfactory trials.
14.	Acceptance criteria	Onboard system trials by SS / SATs
15.	Any other relevant information	N/A

**TECHNICAL SPECIFICATION FOR PROCUREMENT OF COOLANT CS 10/90 -
PMSS BARKAT**

1.	Ship's Name	PMSS BARKAT
2.	Parent Equipment/System	MTU Engine
3.	Sub Equipment/ system	Fresh water cooling system
4.	Assembly/Equipment	Coolant CS 10/90
5.	Make	Germany
6.	Model/ Part No	X0069385
7.	Qty	540 Ltr
8.	Justification	Item is required to undertake PMS routine of Main engines
9.	Work Required	Procurement of coolant as per IT Specs
10.	Detailed Scope of Works	Procurement of coolant as per IT Specs
11.	Technical Spec	Coolant CS 10/90 Corrosion Inhibitor Premix
12.	Eligibilities	a. The firm must visit onboard to check sample. b. The firm should be NTN /GST registered
13.	EDC	14 x working days after issuance of work/confirmation order
14.	Warranty	01 year after receipt of items
15.	Acceptance criteria	Supply of item as per IT Specs
16.	Any other Information	-

**IT SPECIFICATION FOR PROCUREMENT OF MAIN ENGINE 24 V DC CONTROL
& MONITORING POWER SUPPLY MODULE – PMSS ZHOB**

1. Parent equipment	MAIN ENGINE				
2. Sub-equipment	Control & Monitoring Power Supply Device				
3. Assembly, Component					
4. Make	Phoenix Contact GmbH & Co/ Germany	5.	Model	MCS-5 Type-II Control System PS/3AC/24DC/40 (Part No: EOE15010307)	Control QUINT-
6. Quantity	04	7.	Justification i.e PMS/ Failure	Failure	
8. Work Required/ Defect	Procurement of 04 X Control and Monitoring Power Supply Module. (Part No: EOE15010307)				
9. Detailed Scope of Work	<p>a. Procurement of Control and Monitoring Power Supply Module.</p> <p>b. Onboard installation and satisfactory test/ trials with defect free operation of MCS-5 Type-II Control System of respective Main Engines.</p>				
10. Technical Specs	As per OEM Manual/ Specs				
11. Eligibility Criteria	Any reputable contractor having experience of control circuits/ OEM authorized rep having working experience with PMSA.				
12. EDD	30 Days/ ASAP				
13. Warranty	01 year to be started after completion of successful test/ trials				
14. Acceptance Criteria	<p>a. OEM Certified item.</p> <p>b. Technical specifications of item alongwith tech manual/ document to be provided by contractor.</p> <p>c. Onboard satisfactory test/ trials in presence of contractor's rep.</p> <p>d. Upon scrutiny of item and provided documents i.e. technical specifications alongwith production certificates and batch No. by OEM.</p> <p>e. Item must be genuine, packed and compatible with existing system. Aftermarket products and loose items will not be accepted</p> <p>f. Item will not be accepted incase wrong or non-compatibility</p>				
15. Any other information	<p>a. Damage/ defect, if occurred within new or existing modules during installation and test/ trials will be vendor's responsibility. Same will be rectified by contractor free of cost</p> <p>b. Firms are requested to visit site before quoting for further information</p>				

PROCUREMENT/ INSTALLATION OF 02 X INJECTION ACTUATION PRESSURE SENSOR – PMSS HINGOL

IT SPECIFICATION

S No	Description									
1.	Parent Equipment	GENSET								
2.	Sub Equipment	Fuel pressure system								
3.	Assembly Component	Injection actuation pressure Sensor								
4.	Model	C9Z05163								
5.	Make	Caterpillar C9 Marine GENSETs								
6.	Quantity/Item Details	<table border="1"> <thead> <tr> <th>S No</th> <th>Part No</th> <th>Item description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>01.</td> <td>224-4536</td> <td>Injection actuation pressure sensor</td> <td>02</td> </tr> </tbody> </table>	S No	Part No	Item description	Qty	01.	224-4536	Injection actuation pressure sensor	02
S No	Part No	Item description	Qty							
01.	224-4536	Injection actuation pressure sensor	02							
7.	Justification	Sensor found defective.								
8.	Work required/Defect	Procurement of injection actuation pressure sensor and installation								
9.	Scope of work	<p>a. Procurement and installation of sensor</p> <p>b. After installation of sensor, successful onboard trials by the firm</p> <p>c. All tools and test equipment required during dismantling/assembling will be arranged by the firm</p> <p>d. Growth work will be sole responsibility of the firm. To avoid complications on later stage, firm is directed to visit the ship before quoting for understanding removal/installation and defect rectification scope</p>								
10.	Technical Specifications	<p>a. Bore: 120 mm</p> <p>b. Stroke: 149 mm</p> <p>c. Aspiration: Turbocharged After cooled</p> <p>d. Flywheel rotation: Counterclockwise</p> <p>e. Power: 200 kW</p> <p>f. Compression: 16.1:1</p>								
11.	Eligibility Criteria	<p>a. Any registered and security wise cleared local contractor who has working experience onboard MPVs</p> <p>b. Firm must visit site for understanding the exact nature of defect/hindrances involved in job prior quoting to avoid inconvenience on later stage after award of Work Order.</p>								
12.	EDC	7 Days								
13.	Warranty	01 Year								
14.	Acceptance Criteria	<p>a. OEM certified item.</p> <p>b. Satisfactory Test/ Trials of GENSET No 2 up to at least 80% load up to 24 hours.</p> <p>c. Parameters to be monitored within standard limit upto 80% load</p>								
15.	Any Other Relevant Information	Nil								

IT SPECIFICATIONS COMMERCIAL REPAIR CASE – SUZUKI PICKUP 070314 MS

1.	Parent Equipment	Commercial Repair of Suzuki Pickup 070314-MS																																						
2.	Sub Equipment	Suzuki Pickup 070314-MS																																						
3.	Assembly Component	-																																						
4.	Make	SUZUKI																																						
5.	Model	2007																																						
6.	Qty	01 in number																																						
7.	Justification i.e PMS/ Failure/ FWT etc	Due FWT																																						
8.	Work Required/ Defect	<table border="1"> <thead> <tr> <th>S No</th> <th>Work Description</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>Following items will be repair/ replaced:</td> </tr> <tr> <td>(i)</td> <td>Gear Clutch Pressure Plate</td> </tr> <tr> <td>(ii)</td> <td>Steering Box</td> </tr> <tr> <td>(iii)</td> <td>Wheel Service</td> </tr> <tr> <td>(iv)</td> <td>Front Bumper</td> </tr> <tr> <td>(v)</td> <td>Radiator Service</td> </tr> <tr> <td>(vi)</td> <td>Tuning</td> </tr> <tr> <td>(vii)</td> <td>Jump Service</td> </tr> <tr> <td>(viii)</td> <td>Wheel Cylinder</td> </tr> <tr> <td>(ix)</td> <td>Door Locks & Glass</td> </tr> <tr> <td>(x)</td> <td>Chassis</td> </tr> <tr> <td>(xi)</td> <td>Jump Spring</td> </tr> <tr> <td>(xii)</td> <td>Kenchi</td> </tr> <tr> <td>(xiii)</td> <td>Jack & Wheel Tools</td> </tr> <tr> <td>(xiv)</td> <td>Denting Painting</td> </tr> <tr> <td>(xv)</td> <td>Wiper Machine, Rubbers & Rod</td> </tr> <tr> <td>(xvi)</td> <td>Dash Board</td> </tr> <tr> <td>(xvii)</td> <td>Speedo Meter</td> </tr> </tbody> </table>	S No	Work Description	a.	Following items will be repair/ replaced:	(i)	Gear Clutch Pressure Plate	(ii)	Steering Box	(iii)	Wheel Service	(iv)	Front Bumper	(v)	Radiator Service	(vi)	Tuning	(vii)	Jump Service	(viii)	Wheel Cylinder	(ix)	Door Locks & Glass	(x)	Chassis	(xi)	Jump Spring	(xii)	Kenchi	(xiii)	Jack & Wheel Tools	(xiv)	Denting Painting	(xv)	Wiper Machine, Rubbers & Rod	(xvi)	Dash Board	(xvii)	Speedo Meter
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(xvi)	Dash Board																																							
(xvii)	Speedo Meter																																							
9.	Technical Spec	Material as per Existing																																						
10.	Eligibility Criteria	a. Any registered firm with good reputation b. Having capability w.r.t technical experience and expertise.																																						
11.	EDC	30 x Days																																						
12.	Warranty	01 x Year for all replaced items & 03 x Months for Servicing																																						
13.	Acceptance Criteria	Inspection by end user																																						
14.	Any other relevant information	Nil																																						

Encl-1A/c

**IT SPECIFICATION OF FABRICATION/ REPAIR PCB OF STBD BATTERY CHARGER PMSS
SABQAT**

1.	Parent Equipment	Stbd battery charger
2.	Sub Equipment	Stbd automatic battery charger
3.	Assembly component	Control PCB
4.	Make	Custom power, USA
5.	Model	C-140F
6.	Qty	04
7.	Justification PMS/Failure/FWT ec	i.e Stbd automatic battery charger control PCB malfunctioning
8.	Work required/defect	Stbd automatic battery charger control PCB fabrication/ repair required
9.	Detail scope of work	Fabrication/ Repair of Stbd automatic battery charger control PCB including under mentioned jobs. i. All components of control PCB are to be checked for operation ability and defectiveness. ii. Fabrication/ Repair of control PCB card. iii. Verification of all components operation before switching ON the charger. iv. After switching ON, voltage regulation and automatic charging is to be verified. v. Confirmation of battery charger Output for smooth operation i.e 24 V 75amp/h. vi. All indications on charger with operational capabilities to be done. vii. Selection of various modes of charging of battery to be verified. viii. Any damage occurs during the course of removal and installation work will be done by firm without any liability/ responsibility on part of the ship/MSA. ix. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. x. Requirement of external service, if any will be responsibility of the firm without any liability on the part of ship. xi. When visit onboard to carry out inspection to establish the extent of required work. New control PCB will be replaced. xii. Repair defective items are same hand over to SS.
10.	Technical specification	Charging input: 440VAC, 3 phase, 60 HZ Charging output: 24 VDC exceeding upto 29 VDC after full battery charge. Rated output: 24 VDC 75 Amp/h
11.	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.
12.	EDC	30 days

1B

13.	Warranty	01 year
14.	Acceptance criteria	i. OEM certified material ii. Satisfactory running trials iii. Successful operation of battery charger i.e batteries charging at 24-29 DC volts & upto 15 amp current on both ship & shore supplies.
15.	Any other relevant information	Nil

(Signature)

Repair/ Replacement of 02 x Hydraulic Seals of PORT & STBD Hydraulic Steering Gear – PMSS HINGOL

IT SPECIFICATIONS

S No.	Description	
1.	Parent Equipment	Hydraulic Steering Gear
2.	Sub Equipment	Port and Stbd Hydraulic Ram
3.	Assembly component	Hydraulic Ram
4.	Make	Wuhan Mekand Equipment Co Ltd
5.	Model	SCAN160-100S
6.	Qty	02 ✓
7.	Justification	Port Hydraulic Ram seals found leaky causing failure of steering gear Stbd hydraulic ram need to be repaired as precautionary measure to avoid recurring defect
8.	Work req/ Defect ✓	Repair/ replacement of hydraulic seals
9.	Detailed Scope of Work	a. Repair/ replacement of hydraulic seals by contractor, only OEM specified parts will be accepted b. Pressure test of the system for any leakages with all accessories of removal and re installation c. Provision of OEM specified Hydraulic oil for the system. d. Removed seals to be handed over to SS e. Renewal of all in way Nuts/ Bolts of SS f. Rectification of all the leakages with in steering system g. System dismantling and assembling by contractor h. Satisfactory test/ trials (HATs and SATs both) j. All tools and test equipments will be arranged by firm/ contractor
10.	Technical specs (if any)	As per OEM Manual/ Specs
11.	Eligibilities	Reputable local contractor having working onboard MPVs
12.	EDC	07 x Days
13.	Warranty	One Year warranty after test/ trials (HATs and SATs) or as recommended by OEM without following defects: a. Satisfactory operation without high vibration and noise b. Satisfactory operation without any leakage
14.	Acceptance Criteria	a. OEM Certified spares. b. Upon scrutiny of item and provided documents i.e. technical specifications c. Satisfactory operation without high vibration and noise. d. Satisfactory operation without any leakage. b. Rectification of any leakage with in steering system during warranty period b. All parts/ spares with in warranty period will be provided by the firm
15.	Any other 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 SPECIFICATIONS FOR REPLACEMENT/ RE-FABRICATION OF SEA WATER
COOLERS OF MAIN DIESEL GENERATORS: PMSS KOLACHI**

S N		Description			
1.	Parent Equipment	Main Diesel Generators			
2.	Sub Equipment	Sea water circuit			
3.	Assembly Equipment	a. LT Cooler b. HT Cooler			
4.	Make	Cummins			
5.	Model	K19-DM			
6.	Required Quantity	S.No	Part Number/ Model	Description	Qty
		a.	3011108	HT Cooler	03 ✓
		b.	-	LT Cooler	03 ✓
7.	Justification	Replacement/ Re-fabrication of above mentioned items is required for Main Diesel Generator			
8.	Detailed scope of work	1. Fabrication of LT and HT Coolers as per sample. 2. Pressure testing followed by successful trials.			
9.	Technical specifications	As per OEM specifications/ Manual			
10.	Eligibility Criteria	Reputable local/ international contractor having working experience with PMSA			
11.	EDD	20 x Days after award of contract			
12.	Warranty	One Year			
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 MEQ (0336-2490044)			

IT NO : IT/11/20/2024-25

Repair of 01 X Equipment Cooling Pump – PMS KASHMIR

IT SPECIFICATIONS FOR REPAIR OF EQUIPMENT COOLING SEA WATER PUMP

1.	Parent Equipment	Equipment Cooling System						
2.	Sub Equipment	Seawater Pump						
3.	Assembly Component	Impeller, pump body, bearing and mechanical seals						
4.	Make	Jiangsu Zhenhua Pump Industry CO. LTD.						
5.	Model	CLH 50-50-4.5 (Z)						
6.	Quantity	01						
7.	Justification i.e PMS/ Failure/ FWT etc	FWT						
8.	Work Required/ Defect	Complete Overhauling of equipment cooling pump						
9.	Detailed scope of work	(i) Dismantling and installation of pump (ii) Overhauling of pump alongwith fabrication of new pump body (ii) Equipment paint on pump						
10.	Technical specs	<table border="1"><tr><td>Impeller</td><td>Material : Copper Dia : 3 inch Width : 0.4 inch</td></tr><tr><td>Bearing</td><td>Inner dia : 2.5 inch Outer dia : 3.5 inch</td></tr><tr><td>Pump body</td><td>Material Bronze</td></tr></table>	Impeller	Material : Copper Dia : 3 inch Width : 0.4 inch	Bearing	Inner dia : 2.5 inch Outer dia : 3.5 inch	Pump body	Material Bronze
Impeller	Material : Copper Dia : 3 inch Width : 0.4 inch							
Bearing	Inner dia : 2.5 inch Outer dia : 3.5 inch							
Pump body	Material Bronze							
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 pumps						
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 at 1.6 bar discharge pressure for 72 Hrs.						
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)						

Repair/ Replacement of Compressor No 1 of Mian Fridge – PMSS KASHMIR

Encl-1

IT SPECIFICATIONS – REPAIR/ REPLACEMENT OF COMPRESSOR NO # 1 OF MAIN FRIDGE

1.	Parent Equipment	Main Fridge										
2.	Sub Equipment	Compressor No # 01										
3.	Assembly Component	Hermetically sealed compressor										
4.	Make	Jiangsu Josun Air Conditioner Co. Ltd										
5.	Model	CLH50-32-4.5(Z)A										
6.	Quantity	01										
7.	Justification i.e PMS/ Failure/ FWT etc	FWT										
8.	Work Required/ Defect	Overhauling of compressor alongwith STW on complete refrigeration circuit										
9.	Detailed scope of work	(i) Overhauling/ replacement of 01 x compressor (ii) Nitrogen Testing of complete refrigeration circuit (iii) Vacuum of complete circuit (iv) Installation, STW, Gas Charging and Satisfactory trials of Main Fridge System										
10.	Technical specs	<table border="1"><tr><td>Make</td><td>Jiangsu Josun Air Conditioner Co. Ltd</td></tr><tr><td>Model</td><td>CLH50-32-4.5(Z)A</td></tr><tr><td>Cooling capacity</td><td>8 KW (Tk= 40 C, To = 25 C)</td></tr><tr><td>Motor Power</td><td>9.3 KW</td></tr><tr><td>Refrigerant Medium</td><td>R- 404A</td></tr></table>	Make	Jiangsu Josun Air Conditioner Co. Ltd	Model	CLH50-32-4.5(Z)A	Cooling capacity	8 KW (Tk= 40 C, To = 25 C)	Motor Power	9.3 KW	Refrigerant Medium	R- 404A
Make	Jiangsu Josun Air Conditioner Co. Ltd											
Model	CLH50-32-4.5(Z)A											
Cooling capacity	8 KW (Tk= 40 C, To = 25 C)											
Motor Power	9.3 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 marine refrigeration plants										
12.	EDC/ EDD	07 Days										
13.	Warranty	01 Year										
14.	Acceptance Criteria	Item will be accepted after onboard inspection , installation, STW and satisfactory trials for 01 week at harbor/ sea										
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)										

Handwritten signature/initials

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 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 @ 13%:

<u>S.NO</u>	<u>Description</u>	<u>Unit Price</u>	<u>Qty</u>	<u>Total</u>	<u>GST @ 18% or SST @ 13%.</u>	<u>T/Price</u>

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

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

Without this format quotation will not be accepted.

3. DATE AND TIME FOR RECEIPT OF TENDER:

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

4. TENDER OPENING:

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

5. VALIDITY OFFER:

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

6. QUOTING OF RATES:

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

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. 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).

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.