SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 25 x IT SPECIFICATIONS

IT NO : 35/01/2024-25
PMSS KASHMIR

IT SPECIFICATIONS: REPLACEMENT/ FABRICATION OF BRONZE & STAINLESS STEEL FUEL PIPELINES & ISOLATING VALVES

1.	System	Fuel Tanks
2.	Sub system	Fuel supply/ return Pipeline & Isolating Valves
3.	Assembly	Propulsion & Auxiliary Machinery
4.	Make	Misc
5.	Model	Misc
6.	Quantity	1 09 Lines 2 03 x Isolating valve
7.	Justification	FWT
8.	Work Required/ Defect	Replacement/ fabrication of bronze & stainless ste pipelines and repair/ replacement of isolating valves
9.	Scope of Work	a. Dismantling/ Fabrication of fuel 9 x fuel pipeline a per para 10 b. Installation of fuel pipes c. Repair/ replacement of isolating valves as per 10 d. Material to be used as specified and mate certification to be provided e. Argon welding to be carried out for joining o flanges with pipelines f. Growth work will be bear by firm
10.	Technical Specification	

S No	Description	Size/ Type	Qty
a.	Fuel transfer line between tank 2, 4 & service tank (bronze)	Length: 20 ft Dia: 5 in	02
b.	Fuel transfer line from tanks to header tanks (bronze)	Length: 9.5 ft Dia: 6 in	03
c.	Fuel receiving line with flanges (bronze)	Length: 12 ft Dia: 6 in	03
d.	Header tank return line(SS) with glass fitting	Length: 7 ft Dia: 4 in	01
e.	Isolating valve of fuel tank 9, 8 & 5 with electrical mechanism	Size: 06 in Type: Globe with electrical operation	03

11.	Eligibilities	a. Have experience to work for ships (preferab PMSA ships) b. Company must be certified with HQ PMSA c. Company must be Income and Sales tax registere d. Company must have good experience of repair and fabrication of mechanical and electrical parts
12.	EDC	15 days after award of contract
13.	Warranty	1 x year
14.	Acceptance Criteria	a. Certificate of material (SS 316L & Bronze 35D) to be provided. b. Pressure testing of pipelines to be carried out to ascertain strength of welded joints. c. Leakages in welded joints (if any) must be catered to ensure zero leakage in the fuel lines system. d. Item will be accepted upon satisfactory pressure testing up to 150% working pressure for 07 days.
15.	Any other relevant information	Firm must visit onboard to verify exact scope of work SS contact (0321-3000503)

IT NO : 35/02/2024-25

IT SPECIFICATION FOR PURCHASE OF DISTEMPER FOR PMSS NAZIM/ PMSA BASES ORMARA, RISHAD AND GWADAR

<table>
<tr><th>S No</th><th colspan="2">IT SPECIFICATION</th></tr>
<tr><td>1.</td><td>System</td><td>Self</td></tr>
<tr><td>2.</td><td>Sub System</td><td>N/A</td></tr>
<tr><td>3.</td><td>Make</td><td>Nippon/ Evergreen</td></tr>
<tr><td>4.</td><td>Model</td><td>N/A</td></tr>
<tr><td>5.</td><td>Quantity</td><td>
<table>
<tr><th>S No</th><th>Description</th><th>Den</th><th>Qty</th></tr>
<tr><td>a.</td><td>Distemper Off White</td><td>69</td><td>2160</td></tr>
<tr><td>b.</td><td>Distemper White</td><td>69</td><td>2160</td></tr>
</table>
</td></tr>
<tr><td>6.</td><td>Scope of Work</td><td>Purchase of Distemper</td></tr>
<tr><td>7.</td><td>Eligibilities</td><td>The firm should Registered in PMSA & NTN / GST registered</td></tr>
<tr><td>8.</td><td>EDD</td><td>15 Days after Issuance of order</td></tr>
<tr><td>9.</td><td>Warranty / Guarantee</td><td>01 Year after delivery</td></tr>
<tr><td>10.</td><td>Acceptance Criteria</td><td>Accepted by End User</td></tr>
</table>

IT NO : 35/03/2024-25

IT SPECIFICATION OF REPAIR/MAINTENANCE/OVERHAULING OF REVERSE OSMOSIS PLANT
PMSS RAFAQAT

1	Parent Equipment	Reverse Osmosis plant
2	Sub Equipment	Reverse Osmosis plant
3	Assembly Component	Membranes and filters
4	Make	Marine village
5	Model	PW-1200
6	Qty	01
7	Justification i.e. PMS /Failure / FWT etc	Reverse Osmosis plant
8	Work Required/Defect	Repair/Overhauling of Reverse Osmosis plant
9	Detailed scope of work	Repair/Overhauling of Reverse Osmosis plant includes under mentioned jobs. i. Repair and overhauling of Reverse Osmosis plant. ii. Repair/Replace of membranes and filters. iii. 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/ PNSA. iv. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. v. Requirement of external services, if any will be responsibility of the firm without any liability on the part of ship. vi. Spare filters set provided to SS.
10	Technical specification	24 VDC 450 V,3 Phase,60 HZ.
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	EDD	07 days
13	Warranty	01 year
14	Acceptance Criteria	i. Functionally operational successful trials.
15	Any other relevant information	Nil

IT NO : 35/04/2024-25

IT SPECIFICATION FOR CALIBRATION OF PRESSURE AND TEMPERATURE GAUGES – PMSS NUSRAT

1	Ship's Name	**PMSS NUSRAT**
2	Parent Equipment	Miscellaneous
3	Sub system	Gauges
4	Assembly Components	Pressure and Temperature Gauges
5	Make	-
6	Model	-
7	Quantity	90
8	Justification i.e PMS/ Failure/ FWT etc	Calibration due in Feb 25
9	Work Required/ Defects	Calibration required
10	Scope of Works	a. Calibration of under mentioned gauges is required to be undertaken. Replace defective one:

S No	Description	Location/system	RANGE	QTY
(1)	Lub oil pressure	EVAC/Sea Crane	0-6000 PS 0-400 BAR	01
(2)	Air pressure	AER/ LP Air System	0-350 PSI 0 25 BAR	01
(3)	Air pressure	AER/ LP Air System	0-230 PSI 0-16 BAR	06
(4)	Sea water pressure	FER/AER/ Fireman Pump	-30 n hg-150 PSI 760mm hg-10.6 kg/cm²	02
(5)	Sea water pressure	FER/AER/ Fireman Pump	0 150 PSI 0-10 BAR	02
(6)	Fresh water pressure	FER/Fresh Water Pump	0-80 PSI 0-60 kg/cm²	01
(7)	Fresh water pressure	EVAC/fresh water Pump	0 150 PSI 0-10 kg/cm²	01
(8)	Temp Gauge	ASP/Steering System	0-250 C° 0 480 F°	02
(9)	Fuel pressure	FER/Fuel Transfer System	-1.1 BAR -15-15 PSI	01
(10)	Lub oil pressure	FER/AER/LCP Main Engine	0-10 BAR 0-150 PSI	04
(11)	G/box lub oil pressure	FER/AER/LCP Main Engine	0-25 BAR 0 350 PSI	04
(12)	Temperature Gauge	FER/AER/LCP Main Engine	40-120 C° 120-260 F°	08
(13)	RPM meter	FER/AER/LCP Main Engine/Bridge	0-25X(100)	08
(14)	Shaft Bearing Temp	FER/AER	0-150 C° 32-300 F°	06
(15)	Lub oil Pressure	FER/AER/LCP SSDGs	0-10 BAR 0-150 PSI	03
(16)	Temperature Gauge	FER/AER/LCP SSDGs	0-120 C° 32-250 F°	06
(17)	Voltage meters	FER/AER/LCP SSDGs	18-32 VDC	03
(18)	RPM/Hz	FER/AER/LCP SSDGs	0-1950 RPM 0-65 Hz	03
(19)	Lub oil pressure	ASP/Steering System	0-3500 PSI 0 250 BAR	04
(20)	Volt Meter	FER/Charging Panel	0-50 VDC	01
(21)	Volt meter	MCR/Charging Panel	0-100 V	01
(22)	Amp meter	MCR/Charging Panel	100-0-100 AMP	01
(23)	Volt meter	MCR/Silicon Rectifier	0-50 V	01
(24)	Amp meter	MCR/Silicon Rectifier	0-100 AMP	01
(25)	RPM meter	MCR/Engine Contro Panel	0-25000 RPM	04
(26)	Amp meter	MCR/Main Switchboard	0-400 AMP	04
(27)	Volt meter	MCR/Main Switchboard	0-500 V	04
(28)	Freq/RPM meter	MCR/Main Switchboard	45 65 Hz 1350 1950 RPM	03
(29)	K/W meter	MCR/Main Switchboard	0-200 KW	03
(30)	Insulation meter	MCR/Main Switchboard	0-∞ MΩ	01

b. The firm will arrange all spares, tools and accessories etc required for the same work

c. The firm will be responsible for requirement of external services

d. The firm will be responsible to provide calibration certificate to the end user

e. The firm will be responsible for removal, transportation and installation work during warranty/ guarantee period claims and in case of any re-work

f. 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

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	10 working days after issuance of work/ confirmation order
14	Warranty/ Guarantee	01 x Year
15	Acceptance criteria	Satisfactory operation of gauges/ meters
16	Any other relevant information	Nil

IT NO : 35/05/2024-25
PMSS KASHMIR

IT SPECIFICATIONS – REPAIR / REPLACEMENT OF AIR STARTER MOTORS PINION

1.	Parent Equipment	Stbd & Port Main Engines
2.	Sub Equipment	Air Starting Motor
3.	Assembly Component	Pinion
4.	Make	Ingersoll Rand USA
5.	Model	SP699BP03R31
6.	Quantity	04
7.	Justification i.e PMS/ Failure/ FWT etc	FWT
8.	Work Required/ Defect	Repair / Replacement of air start motors' pinion
9.	Detailed scope of work	(i) Dismantling of air start motor (ii) Replacement of motors' pinion (ST600 1231 & SS8 15L1332) (iii) Installation, STW and Trials
10.	Technical specs	Make: Ingersoll Rand (IR) Model: ST600 1231 / SS8 15L1332 Max Inlet Press: 90 PSI Serial No.: SP160425023 Air Turbine Starter: ST 400 Series
11.	Eligibility Criteria	(i) Company must be certified with HQ PMSA (ii) Company must be Income and Sales tax registered (iii) Company must have good experience of procurement of marine equipment
12.	EDC/ EDD	15 Days after award of contract
13.	Warranty	1 Year
14.	Acceptance Criteria	Item will be accepted after onboard inspection, installation on main engines and satisfactory trials
15.	Any Other Relevant Information	SS contact (0321-3000503)

IT NO : 35/06/2024-25
PMSA WAREHOUSE

IT SPECIFICATION FOR PURCHASE OF MILK POWDER NIDO (NESTLE) FOR ALL PMSA UNITS

S No	IT SPECIFICATION	
1.	System	Milk Powder Full Cream (NIDO)
2.	Sub System	N/A
3.	Make	Nestle
4.	Model	N/A
5.	Quantity	600 Kg
6.	Scope of Work	Purchase of Milk Powder Full Cream (NIDO)
7.	Eligibilities	The firm should Registered in PMSA & NTN / GST registered
8.	EDD	15 Days after Issuance of order
9.	Warranty / Expiry	01 Year after delivery
10.	Acceptance Criteria	Accepted by Warehouse Staff

IT NO : 35/07/2024-25

IT SPECIFICATIONS – REPAIR/ REPLACEMENT OF BATTERIES PMSS HINGOL

15

S No	Description	
1.	Parent Equipment	GENSET
2.	Sub Equipment	GENSET Starting System
3.	Assembly Component	Batteries
4.	Model	Phoenix
5.	Make	China
6.	Quantity/Item Details	S No: a. / Part/ NSN No: 6FM 200 VRLA / Description: 12V 200 A/H VRLA Batteries / Qty: 08
7.	Justification	Batteries unable to Hold Charge.
8.	Work required/Defect	Defect is to be rectified for satisfactory starting of GENSETs
9.	Scope of work	a. Repair/ Replacement of 08 x Batteries of GENSET. b. Functional replacement can be undertaken for not available/obsolete components c. Satisfactory starting of GENSETs on Single push d. Any growth work during repair work will be borne by the contractor. e. Any damage to system during onboard testing will be borne by the contractor
10.	Technical Specifications	As per OEM spec
11.	Eligibility Criteria	Security wise clear & reputable local contractor having working experience with PMSA
12.	EDC	3 days
13.	Warranty	1 year
14.	Acceptance Criteria	Successful test /trials of batteries on all 3 GENSETs
15.	Any Other Relevant Information	Nil

IT NO : 35/08/2024-25

IT SPECs: REPAIR/ REPLACEMENT OF FITTINGS ON UPPER DECKS -PMSS KASHMIR

1.	System	Upper deck fittings
2.	Sub system	MISC
3.	Assembly Component	MISC
4.	Make	CSSC Huangpu Wenchong Shipbuilding Co. Ltd
5.	Model	MISC
6.	Quantity	34
7.	Justification	Upper deck fittings have undergone deterioration due to natural wear and tear. Henceforth, comprehensive repair and replacement of worn out/ old fittings/ items is required
8.	Work Required/ Defect	Repair/ Replacement of upper deck fittings
9.	Scope of Work	Welding/ repair work required: a. Repair of 16 x guardrail mechanical motors at flight deck b. Repair of probe receiver base c. Repair of Roller fairlead top eyes d. Repair of 1 x Flood light base e. Repair of 2 x Guardrail port side at Q/Deck f. Repair of 2 x water supply pipes in helo tower g. Repair of 2 x Fresh water valves h. Repair of 12.7mm RU locker j. Replacement of Auto telephone box Awning stowage box hinges and door clips k. Repair of AIS antenna base l. Repair of Life buoy base m. Repair of Cover box artillery bell at 30mm gun deck n. Welding of Exhaust flapper hooks on bridge top p. Repair of Stbd side pipe U clamp q. Welding of Flag locker base r. Welding of Electric socket base (Port and Stbd) at bridge wings s. Welding of Base of 02 x Electric switch box at Flight Deck Cutting work required: a. Cutting of Boat deck net hooks b. Cutting of Exhaust flap at Q Deck Replacement/ fabrication required for: a. Replacement of Capstan break rubber b. Replacement of 54 x drain covers with SS covers c. Replacement of 1 meter Air Trunking in Machine Gun Magazine d. Replacement of worn-out 60 x Butterfly nuts e. Replacement of 50 x worn-out guardrail securing pins alongwith mousing chain f. Fabrication of Steel tray for mushroom ventilation oil leakage at Gun Deck g. Any other growth work h. Spares to be provided by firm.
10.	Technical Specs	As per original installation onboard
11.	Eligibility Criteria	a. Have experience to work onboard ships (preferably PMSA ships) b. Have experience to work on water jet propulsion c. Company must be certified with HQ PMSA d. Company must be Income and Sales tax registered
12.	EDC	15 days after confirmation of order
13.	Warranty	01 x Year
14.	Acceptance Criteria	Satisfactory inspection/ testing of all work.
15.	Any other relevant information	Firm must visit onboard before providing quotation to verify exact scope of work (Contact: 0347-216337)

IT NO : 35/09/2024-25
93 PMSA SQN

IT SPECIFICATION FOR SPARES/ CONSUMABLES REQUIRED FOR AIR CONDITIONING SYSTEM – DEFENDER AIRCRAFT

S No	Description				
1.	**Ship's Name**	93 PMSA Sqn			
2.	**Parent Equipment**	Aircraft			
3.	**Sub Equipment**	Air Conditioning System			
4.	**Assembly Equipment**	Undermentioned equipment/ consumables required for servicing and purging of Air-Conditioning System:			
		S No	Part No/ Model	Description	Qty
		a.	Robin Air No 15021-50	Vacuum Pump capable of 28.5 in Hg.	01
		b.	-	Refrigerant Can Adaptor	01
		c.	-	R-12 Refrigerant Can	02
		d.	Robin Air CMN-4-3	R-12 Service Manifold Assy with 02 gauge set	01
		e.	Suniso 4GS or 5GS	Refrigerant Oil	1 Liter
5.	**Make**	KEITH Products Inc, USA or any alternate available inland			
6.	**Model**	As per para 4			
7.	**Quantity**	As per para 4			
8.	**Justification**	Equipment/ consumables required for servicing and purging of Air-Conditioning System			
9.	**Work Required/ Defect**	Spares/ consumables mentioned at para 4 required for servicing/ purging of air-conditioning system			
10.	**Detail Scope of Work**	As per para 9			
11.	**Item Description**	Part No		Description	
		Robin Air No 15021-50		Vacuum Pump capable of 28.5 in Hg.	
		-		Refrigerant Can Adaptor	
		-		R-12 Refrigerant Can	
		Robin Air CMN-4-3		R-12 Service Manifold Assy with gauge set	
		Suniso 4GS or 5GS		Refrigerant Oil	
12.	**Technical Specs (If any)**	N/A			
13.	**Eligibilities**	a. Items are to be procured in NEW CONDITION only, from OEM/ OEM authorized vendors or any inland registered firm			
		b. Firms must have at least 01 year experience of procurement/ repair of aircraft air-conditioning system parts			
		c. Firms need to include freight/ insurance charges and custom duties/ taxes, etc (as applicable) in quotation.			
		d. Firms need to get import/ export licenses from respective abroad firms/ agencies (if applicable).			
		e. In case of failure to meet acceptance criteria or any defect during physical/ operational testing of items post fitment with parent equipment, firm is liable to get the items replaced on FoC basis in shortest possible time			
14.	**EDD/ EDC**	04 weeks after award of contract			
15.	**Warranty**	01 Year			
16.	**Acceptance Criteria (If any)**	a. Satisfactory physical condition, fitment with parent equipment and operational check of items. b. Items part numbers should be identical or equivalent to the part numbers mentioned in IT Specification. c. Provision of import documents (if applicable) d. R-12 Refrigerant is required as per original specs. No alternative is acceptable for same.			

17.	**Growth Work**	N/A
18.	**Any other relevant information**	N/A

IT NO : 35/10/2024-25
PMSS KASHMIR

IT SPECIFICATION- INTEGRATED NETWORK HD PTZ CAMERA

S No.	Description	
1.	Parent Equipment	Security Monitoring CCTV Camera System
2.	Sub Equipment	Integrated Network HD PTZ Camera
3.	Make	China
4.	Model	DS-2DY92301W-CWX(316L)
5.	Qty	01
6.	Justification PMS/Failure/FWT	Failure: Existing Integrated Network HD PTZ Camera at flight deck is defective and same is required to be repair.
7.	Work required/ Defect	Integrated Network HD PTZ Camera is defective as, camera is powered up, however, same is unable to show any video/ picture and neither train/ elevate. Therefore said CCTV Camera is required to be repaired.
8.	Detailed Scope of Work	Repair defective Integrated Network HD PTZ Camera is required for operationalization of Security Monitoring CCTV System i.e (CCTV coverage at Flight Deck onboard).
9.	Technical specs	a. Resolution: 1920 * 1080 b. Focal Length: 4.3-129mm,30 * optical zoom c. Video Compression: H.265/H.264/MJPEG d. Range of Movement: horizontal 360 continues rotation, vertical -90 to 90 degree e. Preset Point: 128 points f. Patrol Path: 4 paths g. Communication Interface: One RJ 45 10M/100M adaptive LAN interface h. Degree of Protection: 1P68 i. Power Supply: AC 220 60/50 Hz,70 W Max j. Material: Stainless Steel 3161 k. Infrared Distance: 100 m l. Weight: 31.5 kg m. Dimension: 295mm * 502m * 393m
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 NO : 35/11/2024-25

IT SPECIFICATION FOR SERVICING/ OVERHAULING OF HP RELIEF VALVE AND REDUCER OF ME No 4 AIR BOTTLE SET -PMSS ZHOB

S.No		Description
1.	Parent equipment	High Pressure Air System
2.	Sub equipment	Air Bottle Set Pressure Relief Valve 10 Bar
3.	Assembly component	2 X 10 Bar Controller Valves (MKD –ZYK-06)
4.	Model	MKD-MA-15X30-10-4
5.	Make	M Whuan Mekand Equipment Co. Ltd 5
6.	Quantity/Item details	OEM: China; NSN/Part No: Same as S No 03; Description: Air Reducer controller Valve (10 Bar); Qty: 2
7.	Justification	a. PMS No 3-5271-0000 MOP FL-005 b. Currently system is defective
8.	Work required/ Defect	Servicing/ Overhauling of 10 Bar Controller Valves which Observed malfunctioning i.e unable to provide desired air pressure
9.	Scope Of Work	a. Removal/ re-installation of pressure reducing controller valves b. Replacement of all worn out/ degraded components c. Replacement of all O-rings/ seals d. Repair of controller body(if required) e. Testing and adjustment of all valves at required pressure f. Any other unseen/ growth work will be responsibility of contractor g. Any damage occurred in fittings during trials of repaired valves will be provided by contractor
10	Technical specifications	As per OEM technical manual
11	Eligibility criteria	a. Must have relevant experience in caring out repairs/ servicing of 10 bar controller Valves b. Contractor must visit for understanding the defect c. Each component to be tested at test bench in presence of Ship staff
12	EDC/ EDD	As Soon As Possible (07 Days)
13	Warranty	One Year for leakages/ defect free service
14.	Acceptance criteria	a. Satisfactory installation, testing and operation of controller valves b. After completion of complete work as mentioned in S. No 9 " a" to g
15.	Any other Information	Contactor may contact SS/ visit onboard ship to resolve any query

IT NO : 35/12/2024-25
PMSS HINGOL

IT SPECIFICATIONS

S No	Description	
1.	Parent Equipment	Main Engine Control and Monitoring System
2.	Sub Equipment	Forward and Aft Monitoring and Control Panel
3.	Assembly Component	24V DC Power Supplies
4.	Model	QUINT-PS/3AC/24DC/40
5.	Make	Phonix Contact (Quint Power)
6.	Quantity/Item Details	Part Number: QUINT-PS/3AC/24DC/40 — Description: 24V DC Power Supplies — Required Quantity: 04 Part Number: QUINT-PS/3AC/24DC/20 — Description: 24V DC Power Supplies — Required Quantity: 02
7.	Justification	Repair/ Replacement of defective power supplies
8.	Work required/Defect	a. Repair/ Replacement of above mentioned item b. Satisfactory installation and trials onboard
9.	Scope of work	Repair Replacement of above mentioned item
10.	Technical Specifications	INPUT – 3x400-500V AC/50-60 Hz/3x2.1-1.7 A OUTPUT – 24V DC/40A (Boost 45A;200A/12 ms) Temp. -25°C to 70°C
11.	Eligibility Criteria	Any registered and security wise cleared local contractor who has working experience onboard MPVs
12.	EDC	01 x Month
13.	Warranty	01 Year OEM Warranty
14.	Acceptance Criteria	a. OEM certified item b. Technical Specifications to be provided c. Satisfactory trials onboard ship.
15.	Any Other Relevant Information	Nil

IT NO : 35/13/2024-25

IT SPECIFICATION OF A/C COOLING PUMP NO 1– PMSS SABQAT

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

IT NO : 35/14/2024-25
93 PMSA 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**	a. Item procured to be in NEW CONDITION only from OEM or OEM authorized vendors. b. Firms have to provide authorization letter of their principal firms. c. Firms need to include freight/ insurance charges and custom duties/ taxes, etc. (as applicable) in quotation. d. Firms need to get import/ export licenses from respective abroad firms/ agencies where applicable. 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. 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.
13.	**EDD**	04 weeks after award of contract
14.	**Warranty**	01 Year
15.	**Acceptance criteria (if any)**	a. As per standard acceptability criteria by OEM. b. Satisfactory physical condition and operational check of items (Where applicable) c. Provision of log book/ card. d. Provision of Operator/ Maintenance Manual e. SOLAS/ USCG/ TSO certification for life raft or any equivalent approved certification f. Provisioning of certification/ validation for use on aircraft.
16.	**Any other relevant information**	--

IT NO : 35/15/2024-25

SPECIFICATIONS OF WALK THROUGH GATTE & METAL DETECTORS – PMSS INDUS

	Description	a. Walk through gate b. 02x Metal detectors
	System	Security/ Detection
	Make	CEIA
	Scope of Work	Repairing of aforementioned security equipment for Sat Ops
	Eligibilities	All reputable GST registered firms/ contractors/ suppliers.
5.	EDC	15 Days
6	Warranty	01 Years
	Acceptance Criteria	Inspection by end user
	Any other relevant information	In case of any query, contact EXO PMSS INDUS 021-48505455
	Terms of payment	100% After work Completion

IT NO : 35/16/2024-25

IT SPECIFICATIONS – REPAIR/ REPLACEMENT OF MISC EQUIPMENTS - PMSS KASHMIR

1.	Parent Equipment	Crane, Dish Washer, Bilges Valve Mechanism and Firefighting Hoses
2.	Sub Equipment	Misc
3.	Assembly Component	Misc
4.	Make	Misc
5.	Model	Misc
6.	Quantity	02
7.	Justification	FWT
8.	Work Required/ Defect	As per para 9
9.	Detailed scope of work	Following work to be undertaken: a. Repair of remote operating lever and hand pump of 02 tons crane b. Repair of ship's galley dish washer c. Repair of electrical mechanism of bilge valves PCB d. Replacement of level sensor of fresh water tank No 4 e. Replacement of 6 x gauges of misc parameters f. Replacement of 2 x firefighting hoses g. Replacement of regent water hardness H1 & H2 and Chloride CL 1,CL2 & CL2 h. Replacement of 1 x hello crash FF suit
10.	Technical specs	As per TPI
11.	Eligibility Criteria	(i). Have experience to work for ships (preferably PMSA ships) (ii). Company must be certified with HQ PMSA (iii). Company must be Income and Sales tax registered
12.	EDC/ EDD	15 Days after award of contract
13.	Warranty	1 Year
14.	Acceptance Criteria	After successful trials of both systems on designed temperatures
15.	Any Other Relevant Information	SS contact (0321-3000503)

IT NO : 35/17/2024-25

IT SPECIFICATIONS: DEFECT RECTIFICATION OF STBD FIFI GUN: PMSS KASHMIR

1.	Parent Equipment	External Water Monitor System
2.	Sub Equipment	FIFI Gun
3.	Assembly Component	Misc
4.	Make	Shenzhen Sealuck Eqiupment Co., Ltd
5.	Model	PSKDC100
6.	Quantity	01
7.	Justification	FWT
8.	Work Required/ Defect	Defect rectification of Stbd FIFI Gun
9.	Detailed scope of work	a. Dismantling of Stbd FIFI Gun b. Repair of motor c. Repair/ replacement of gear mechanism d. Repair of remote controller e. Installation of FIFI Gun f. Any other growth work
10.-	Technical specs	As per TPI No3-3901-450-001
11.	Eligibility Criteria	a. Have experience to work for ships (preferably PMSA ships) b. Company must be certified with HQ PMSA c. Company must be Income and Sales tax registered d. Company must have good experience of pumps
12.	EDC/ EDD	15 Days after award of contract
13.	Warranty	1 Year
14.	Acceptance Criteria	Satisfactory trials of FIFI Gun from Remote and Control panel upto desired pressure for 07 days
15.	Any Other Relevant Information	SS contact (0321-3000503)

IT NO : 35/18/2024-25
PMSS KASHMIR

35

IT SPECIFICATIONS – CLEANING/ REPLACEMENT OF HEAT EXCHANGERS/ CONDENSERS OF CHILL WATER PLANT

1.	Parent Equipment	Marine Light Water Chiller (Aft & Fwd)
2.	Sub Equipment	Heat Exchangers
3.	Assembly Component	Double Pipe & Plate Type Heat Exchangers
4.	Make	a. Yingte Heat-exchange Equipment Co., Ltd b. Alfalaval
5.	Model	a. ZS-50.5kW b. AC-70X-58M-F
6.	Quantity	a. 14 x Cleaning and pressure testing condensers b. 03 x Replacement of condensers (double tube type)
7.	Justification	PMS Routine
8.	Work Required/ Defect	Cleaning and replacement of heat exchangers condensers of chill water plant (fwd & Aft)
9.	Detailed scope of work	a. Dismantling of Heat exchanger b. Cleaning of heat exchangers as per relevant TPI with JLX-2.5 marine condenser cleaning device c. Replacement of 03 x deteriorated condenser double tube type b. Installation of heat exchangers c. Nitrogen gas pressure testing of complete circuit d. R404A gas charging (50kg) and satisfactory trials e. Replacement of heat exchangers (if required) e. Any other growth work
10.	Technical specs	As per TPI 3-6184-0000
11.	Eligibility Criteria	(i). Have experience to work for ships (preferably PMSA ships) (ii). Company must be certified with HQ PMSA (iii). Company must be Income and Sales tax registered (iv). Company must have good experience of repair maintenance of marine air conditioning systems
12.	EDC/ EDD	15 Days after award of contract
13.	Warranty	1 Year
14.	Acceptance Criteria	Satisfactory trials of both chillers for 02 x weeks
15.	Any Other Relevant Information	SS contact (0321-3000503)

IT NO : 35/19/2024-25
PMSS NAZIM & PMSS BARKAT

IT SPECIFICATION FOR PURCHASE OF PAINT FOR PMSS NAZIM & WESTERN MARITIME REGION

S No	IT SPECIFICATION	
1.	System	Self
2.	Sub System	N/A
3.	Make	Berger / ICI / Nelson / Gobis / Diamond
4.	Model	N/A
5.	Quantity	**Description** / **Den** / **Qty**: Paint White Finishing For Weather Work / 69 / 180
6.	Scope of Work	Purchase of Paint
7.	Eligibilities	The firm should Registered in PMSA & NTN / GST registered
8.	EDD	15 Days after Issuance of order
9.	Warranty / Guarantee	01 Year after delivery
10.	Acceptance Criteria	Accepted by End User

IT SPECIFICATION FOR PROCUREMENT OF PAINT- PMSS BARKAT

S. NO	IT SPECIFICATIONS	
1.	Parent Equipment	Paint Finishing
2.	Sub equipment	Paint White & Grey,
3.	Assembly component	-
4.	Make	Berger/Master
5.	Model	Latest
6.	Quantity	**S No** / **Paint Description** / **Qty**: a. / Paint White Finishing / 40; c. / Paint Grey / 40
7.	Justification i.e PMS/ Failure/FWT etc	Paints are essentially required in order to prevent ship hul from corrosion
8.	Work Required/ Defect	Above Mentioned Paints are required to meet operational requirement of ship.
9.	Detailed scope of work	Paint should be manufactured in date Standard OEM
10.	Technical Specs (If any)	Flash point 32C° Packing 20 Ltr for Paint White, & Grey
11.	Eligibility Criteria	Registered Contractor
12.	EDC	07Days after LPO
13.	Warranty	01 Year
14.	Acceptance Criteria (If any)	Satisfactory Trial onboard
15.	Any other relevant information	Nil

IT NO : 35/20/2024-25
PMSS KASHMIR

IT SPECIFICATION- POWER AMPLIFIER MIXER

S No.	Description	
1.	Parent Equipment	Conning System
2.	Sub Equipment	Power Amplifier Mixer
3.	Make	JAPAN
4.	Model	A-1724
5.	Qty	01
6.	Justification PMS/Failure/FWT etc	6 channel Power amplifier mixer is critically required onboard for smooth operation of conning system
7.	Work required/ Defect	Repairing/ Replacement of Power Amplifier Mixer for operationalization of all conning positions for smooth conduct of leave/ enter harbour/ other serials
8.	Detailed Scope of Work	Repairing/ Replacement of Power Amplifier Mixer for operationalization of all conning positions for smooth conduct of leave/ enter harbour/ other serials. In case of replacement 08/ 06 Channels Power Amplifier Mixer may be given precedence for resolution of said issue.
9.	Technical specs	a. Type: 6-Channel Power Amplifier Mixer b. Operating Power: 240 Watt c. Power Requirement: AC 220-240 V 50/60 Hz d. Power consumption: 532 W(Rated output) e. Phantom Power: ON or OFF for each MIC 1-6 with switching setting (+17vdc) f. Temperature Range: -10C^0 - + 60 C^0 g. Power Consumption: 220VAC h. Tone control: BASS:+-10db at 100hz treble: +-10db at 10khz j. Operating temperature: -10 C to +40 C k. Dimensions: 420 (W) X 107.7 (H) X 376(D) ml l. Weight: 13.5kg m. Frequency Response: (D) 20 - 20000 Hz $\pm$ 1dB (T) 20 -15000 Hz $\pm$ 1dB
10.	Eligibility Criteria	Reputable local contractor having working experience with PMSA/ OEM authorized reps will be given preference
11.	EDD	10 days
12.	Warranty	12 x Months
13.	Acceptance Criteria	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.

IT NO : 35/21/2024-25

IT SPECIFICATION OF PETROL STOWAGE FACILITY– PMSS REHMAT

S No	Specification	Remarks
1.	Parent Equipment	Petrol engines
2.	Sub Equipment	Petrol stowage system
3.	Assembly Components	Petrol stowage racks
4.	Make	Stainless steel
5.	Model	Local fabricated
6.	Quantity	01 (250/240 Ltrs capacity of petrol)
7.	Justification i.e PMS/ Failure/ FWT etc	Installation of petrol stowage facility with quick release mechanism is required as highlighted by HQ FOST
8.	Work required/ Defect	Installation of petrol stowage facility as per design and drawing
9.	Technical Specification	As per drawing/ design and location (picture enclosed)
10.	Detailed scope of work	Following work is undertaken for installation of Petrol stowage system petrol stowage facility: a. Installation of petrol stowage facility for safe preservation of petrol with quick release mechanism. b. Standardize fire proof material is to be ensured having durability at least 10-15 years. c. Stowage/ area must be well ventilated. d. Petrol stowage canes to be provided within the racks. e. The firm will be responsible to undertake any work not covered above to ensure good quality of work. f. The firm will be responsible for welding/cutting, if required along with material. g. The firm will arrange all spares, tools and accessories etc required for the same work. h. The firm will be responsible for requirement of external services. j. The firm will be responsible for all removal, transportation and installation work during warranty/ guarantee period claims and in case of any re-work.
11.	Eligibility Criteria	a. The firm must visit onboard and carry out inspections to establish the extent of required work. b. Income tax registered. c. Sales tax registered.
12.	EDC	15 x Working days after issuance of work/ confirmation order
13.	Warranty	01 Year
14.	Acceptance criteria	Successful completion and acceptance by the end user
15.	Any other relevant information	Nil.

IT NO : 35/22/2024-25

REPLACEMENT OF SSDG NO 2 -PMSS BARKAT

1.	Ship's Name	PMSS BARKAT
2.	Parent equipment/system	Power generation
3.	Sub equipment	SSDG No 2 (110 KW)
4.	Assembly/ equipment	Engine
5.	Make	DEUTZ
6.	Model	D234V8
7.	Qty	01
8.	Justification	Performance degraded
9.	Work requisition	Dismantle and removal of existing engine from SSDG No 2and installation/commissioning of compatible Cummins engine on SSDG No 2
10.	Detailed scope of work	a. Decouple and remove existing DEUTZ engine from SSDG No 2 and unship. b. Install and commission refurbished Cummins engine on SSDG No 2, as per technical specifications. c. Alignment of Cummins engine is the responsibility of firm d. Any additional piping for SW, Lub oil and fuel is the responsibility of firm e. Installation/provision of start/stop and engine parameters at remote and local position. f. Marine version engine is to be installed g. Any additional/essentia accessories i e SW Cooling pump, Heat exchanger ,after h. Safeties of new installed engine are be tested and certificate is to be provided. i. Technical manual parts manual and workshop manual of newly engine to be provided j. New nuts & bolts (SS) to be used for installation. k. All spares (must be genuine) tools special equipment /accessories required for said Repair/ Maintenance are to be arranged by the firm j. Any damage/, defect/wear tear occurred during course of removal, repair and installation of system/equipment will be repaired /met by firm k. Requirement of external services, if required will be responsibility of firm l If any Repair/ Maintenance work goes beyond the defined scope of works will be processed accordingly m Initial 25/50 hrs routine is to be carried out by firm and spares required for initial 25/50 hrs routine are to be provided by the firm. n. NSN/ Part Numbers of essential spares including list of spares required for TOH and MOH are to be provided by the firm. p. 02 days training of SS w.r.t PMS routines will be arranged by the firm at ship premises.
11.	Technical spec	110 KW 50 Hz 380 V
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	14 x days after issuance of work/confirmation order
14.	Warranty	01 Year
15.	Acceptance criteria	a. Satisfactory work done by the firm. b. Satisfactory VA Report by FMG. c. No leakage/ unusual noise at full load trials. • 30% for ½ hrs • 50% for ½ hrs • 75% for 1 hr • 100% for 4 hrs d. Satisfactory sea trials.
16.	Any other information	-

IT NO : 35/23/2024-25

IT SPECIFICATION – TOP OVERHAUL ROUTINES OF SSDG NO 1 – PMSS REHMAT

S No	IT Specifications	
1.	Parent Equipment	Power Generation and Distribution
2.	Sub Equipment	SSDG-1
3.	Assembly Component	All components/ Parts of SSDG
4.	Make	CUMMINS (USA)
5.	Model	6CTA 8.3
6.	Quantity	01 in No
7.	Justification i.e PMS/ Failure/ FWT etc	TOH routine is due at 6000Hrs
8.	Work required/ Defect	Complete TOH to be carried out for safe operation of SSDG
9.	Technical Specification	a. 110KW b. 380VAC 3 phase 50Hz c. 6 cylinders alongwith heat exchanger
10.	Scope of Work	Repair/ maintenance (TOH/ PMS routine) work of SSDG No 1 is required with provisioning of parts/ spares on firm arrangement. Details is appended below: a. Remove cylinder heads. b. Remove intake and exhaust manifolds. c. Disconnect fuel lines from injectors. d. Loosen bolts and remove cylinder heads. e. Clean and inspect cylinder head for crack wear etc f. Check condition of valve springs. g. Valves to be inspected and seats to be prepared. h. Replace valve seats if required. j. Injectors to be tested and calibrated for proper spray. k. Replace injectors if required. l. Rocker arm push rods to be examined against wear tear. m. Replace worn out valve guides and seals if required. n. After decarbonising and cleaning assemble and refit cylinder heads with new gaskets. o. Refit the manifolds using new seals, packing and joints required. p. Adjust valve clearances as specified. q. Adjust and set injector timing. r. Refill fresh oil and coolant in engine. **REPAIR/ MAINTENANCE OF KNOWN DEFECTS DURING TOH** a. Fresh water pump/ water body is observed deteriorated. b. Engine mounts are observed deteriorated and same are to be replaced due to excessive vibration. c. Air intake cooler is observed choked and same is required to be replaced. d. Lub oil pressure dropped after 60% load and same is required to be rectified. e. Fuel injection pump to be overhauled due to leakages. f. Turbo charger is to be overhauled due to exhaust leakages. g. Heat exchanger to be chemically cleaned and zinc anodes are to be replaced. h. OEM certified spares/ parts of TOH routines to be ensured. j. Instrument colour coding paint of mechanical system to be carried out. k. Provide complete list of replaced/ repaired items. Replaced items to be handed over to SS for survey. l. All spares, tools, special equipment / tools, accessories etc for repair and cleaning work are to be arranged by the contractor. m. Any damage / defect / wear tear occur during the course of removal and installation of SSDG is the responsibility of the concerned firm
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 onboard corvette. d. Successful HATs and SATs at 1500 RPM and maximum load e. NTN/ GST registered.
12.	EDC	30 Working days
13.	Warranty	01 year after completion of successful full load trials
14.	Acceptance criteria	a. SATs at full load for 04 hours i.e (1) 30% load for ½ hrs (2) 50% load for ½ hrs (3) 75% load for 1 hrs (4) 100% load for 4 hrs b. Acceptance by SS
15.	Any other relevant information	-

IT NO : 35/24/2024-25

IT SPECIFICATION FOR REPAIR/ MAINTENANCE OF CHEQUERED PLATES – PMSS REHMAT

S No	Specification	Remarks
1.	Parent Equipment	Deck plates
2.	Sub Equipment	Bilges plates
3	Assembly Components	Chequered plates
4.	Make	Local
5.	Model	Aluminium / MS
6.	Quantity	FWD Engine room, Aft Engine room, EVAC compartment, Junior rate mess and senior rate mess
7.	Justification i.e PMS/ Failure/ FWT etc	Chequered plates are deteriorated due FWT.
8.	Work required/ Defect	Chequered plates repair/ maintenance along with angle frame and locking mechanism is required
9.	Technical Specification	a. Chequered plates thickness 4MM b. Material aluminium
10.	Detailed scope of work	Following work is required to be undertaken for the repair/ maintenance of chequered plates: a. Chequered plates to be fitted/ secured along with locking mechanism. b. Repair/ maintenance/ welding of angle frames is required. c. Proper securing of chequered plates to be ensured for antiskid/ slip. d. Paint work of angle frame to be carried out. e. All spares, tools, special equipment/ tools, accessories etc. required for said repair/ maintenance are to be arranged by firm. f. Any damage/ defect/ wear tear occur during the course of removal, repair and installation of system/ equip will be repaired/ met by firm.
11.	Eligibility Criteria	a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work and must have experience for chequerd plates onboard corvettes. b. Income tax registered. c. Sales tax registered.
12.	EDC	20 x Working days after issuance of work/ confirmation order
13.	Warranty	01 Years
14.	Acceptance criteria	a. Chequered plates thickness 4MM b. Material aluminium c. Acceptance by SS
15.	Any other relevant information	-

IT NO : 35/25/2024-25
DIR(OPS)

IT SPECIFICATION – PRINTING WITH BINDING OF DG PMSA STANDING ORDER

S No	IT SPECIFICATION	
1.	Description	Booklets printing with binding
2.	Location	Ops Directorate
3.	Make/ Model	-
4.	Quantity	27 x Copies of Booklets with binding
5.	Size of Paper	A4 (210 x 297 mm)
6.	Weight of Paper	80 gsm
7.	Scope of Work	As per sample
8.	Eligibility	The firm registered in PMSA & NTN/GST registered
9.	EDD	Upto 07x Working Days
10.	Acceptance Criteria	Acceptance after delivery and Inspection by Staff
11.	Term of Payment	100 % payment after work completion

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 aresult 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. SUMBISSION OF TENDER:

Firms shall submit their offers in two separate envelopes clearly marked as "**Commercial Offer**" and "**Technical Offer**" for open tender. Both envelops shall be properly sealed bearing the signature of the bidder. Thereafter both these envelopes shall be placed in one bigger envelope. This envelope should bearthe 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 anddate 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 areto 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%.	T/Price

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

S.NO	Description	Unit Price	Qty	Total	T/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 commercialopening date.

b. Earnest money to the firm who has won the purchase order/ work order & contract will bereturned 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 onForm 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 beimposed 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.