

**SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 28 x IT SPECIFICATIONS**

**IT NO : IT/05/01/2024-25**

**IT SPECIFICATION OF RADAR UPS - PMSS REHMAT**

No	IT SPECIFICATIONS	
1.	Parent Equipment	Transas Radar
2.	Sub equipment	Systek UPS (In built batteries)
3.	Assembly component	-
4.	Make	Japan, China
5.	Model	EXC1414 Systek
6.	Quantity	01
7.	Justification i.e PMS/ Failure/FWT etc	Item critically required for maintaining operation ability of ship/ Electronic failure.
8.	Work Required/ Defect	Repair/ Replacement of UPS with complete accessories
9.	Detailed scope of work	Following is detailed scope of work: a. Complete repairs/ Replacement of UPS (online with inbuilt batteries). b. Complete load calculation and ascertaining line/ load losses. c. Repair/ replacement/ Installation of supported accessories for satisfactory operation of system.
	Technical Specs (If any)	Capacity: 6 KVA, 4000 WATTs  <u>INPUT:</u>  Voltage Range: 220 VAC-240 VAC Frequency Range: 50-60 Hz  <u>OUTPUT:</u>  On battery output voltage: 220 VAC + 5%, Pure Sine wave( Online)
10.	Eligibility Criteria	a. The firm should visit onboard to understand nature of defect. b. Firm not undertaking the visit onboard ship to see extent of work will not technically qualify. c. The firm has sufficient experience of same kind of work. d. NTN/GST registered.
11.	EDC	02 x Weeks
12.	Warranty	01 x Year warranty after HATs/SATs.
13.	Acceptance Criteria (If any)	HATs/ SATs by SS.
14.	Any other relevant information	NA

**IT SPECIFICATION PURCHASE OF BATTERY- VIGO DOUBLE CABIN 090302 MS**  
**PMSA BASE RISHAD PASNI**

<b>S.No</b>	<b>Specification</b>	<b>Remarks</b>								
1.	System	Battery of double cabin								
2.	Make /Model	AGS/N-125								
3.	Vehicle Number	090302 MS								
4.	Item Description	<table border="1"><thead><tr><th><b>S.No</b></th><th><b>PATT/Part No</b></th><th><b>Description</b></th><th><b>Qty</b></th></tr></thead><tbody><tr><td>a.</td><td>N/A</td><td>DC 12 VOLT 100 AH Battery</td><td>01</td></tr></tbody></table>	<b>S.No</b>	<b>PATT/Part No</b>	<b>Description</b>	<b>Qty</b>	a.	N/A	DC 12 VOLT 100 AH Battery	01
<b>S.No</b>	<b>PATT/Part No</b>	<b>Description</b>	<b>Qty</b>							
a.	N/A	DC 12 VOLT 100 AH Battery	01							
5.	TECHNICAL SPECIFICATION	Material as per Specification								
6.	Preliminary investigation by ships staff	D(MT)/ MTO STAFF								
7.	Eligibility	Registered Contractor								
8.	EDD	15 X days								
9.	Warranty	01 x Year								
10.	Acceptance Criteria	Onboard /Shelf life not beyond 06 x Month								
11.	Any other relevant information	Items are to be required at PMSA Base Rishad (Pasni)								

**IT SPECIFICATION FOR SERVICING/ RENEWAL OF PVC CHANNEL/DUCTING  
CONDUIT PIPES – PMSS NUSRAT**

1.13

S No	IT Specifications																																																																																																	
1.	Parent Equipment	Electrical, Weapon & AC System																																																																																																
2.	Sub Equipment	Wires, Sensors and Piping																																																																																																
3.	Assembly Component	Cables, Wires and Piping of Electrical, Weapon & AC System																																																																																																
4.	Make	Nil																																																																																																
5.	Model	Nil																																																																																																
6.	Qty	<table border="1"> <thead> <tr> <th>Description</th> <th>Compartment</th> <th>Size</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td rowspan="3">PVC Channel/ Ducting Pipe</td> <td>PORT Elway</td> <td>100 x 100 mm</td> <td>60 feet</td> </tr> <tr> <td>Fox'l</td> <td>100 x 100 mm</td> <td>20 feet</td> </tr> <tr> <td>STBD Elway</td> <td>100 x 100 mm</td> <td>60 feet</td> </tr> <tr> <td rowspan="5">PVC Channel/ Ducting Pipe</td> <td>Gun Deck</td> <td>80 x 80 mm</td> <td>30 feet</td> </tr> <tr> <td>CO Cabin</td> <td>80 x 80 mm</td> <td>20 feet</td> </tr> <tr> <td>Ships Office</td> <td>80 x 80 mm</td> <td>10 feet</td> </tr> <tr> <td>Bridge</td> <td>80 x 80 mm</td> <td>25feet</td> </tr> <tr> <td>Ward Room</td> <td>80 x 80 mm</td> <td>10 feet</td> </tr> <tr> <td rowspan="12">Conduit Pipe</td> <td>Bridge</td> <td>1 inch</td> <td>45 feet</td> </tr> <tr> <td>Ships Office</td> <td>1 inch</td> <td>15 feet</td> </tr> <tr> <td>Ships D/Hall</td> <td>1 inch</td> <td>15 feet</td> </tr> <tr> <td>ASP</td> <td>1 inch</td> <td>25 feet</td> </tr> <tr> <td>EVAC</td> <td>1 inch</td> <td>20 feet</td> </tr> <tr> <td>Aft Eng Room</td> <td>1 inch</td> <td>30 feet</td> </tr> <tr> <td>Fwd Eng Room</td> <td>1 inch</td> <td>30 feet</td> </tr> <tr> <td>Port Elway</td> <td>1 inch</td> <td>40 feet</td> </tr> <tr> <td>Stbd Elway</td> <td>1 inch</td> <td>30 feet</td> </tr> <tr> <td>Fox'l</td> <td>1 inch</td> <td>10 feet</td> </tr> <tr> <td>Gun Deck</td> <td>1 inch</td> <td>30 feet</td> </tr> <tr> <td rowspan="2">Conduit Pipe</td> <td>Q/Deck</td> <td>1½ inch</td> <td>20 feet</td> </tr> <tr> <td>Signal Deck</td> <td>1½ inch</td> <td>80 feet</td> </tr> <tr> <td rowspan="5">Conduit Pipe</td> <td>ASP</td> <td>2 inch</td> <td>25 feet</td> </tr> <tr> <td>Q/Deck</td> <td>2 inch</td> <td>40 feet</td> </tr> <tr> <td>Gun Deck</td> <td>2 inch</td> <td>35 feet</td> </tr> <tr> <td>Port Elway</td> <td>2 inch</td> <td>20 feet</td> </tr> <tr> <td>Gun Deck</td> <td>2 inch</td> <td>75 feet</td> </tr> <tr> <td rowspan="2">Conduit Pipe</td> <td>Signal Deck</td> <td>2 inch</td> <td>45 feet</td> </tr> <tr> <td>Signal Deck</td> <td>4 inch</td> <td>25 feet</td> </tr> </tbody> </table>			Description	Compartment	Size	Qty	PVC Channel/ Ducting Pipe	PORT Elway	100 x 100 mm	60 feet	Fox'l	100 x 100 mm	20 feet	STBD Elway	100 x 100 mm	60 feet	PVC Channel/ Ducting Pipe	Gun Deck	80 x 80 mm	30 feet	CO Cabin	80 x 80 mm	20 feet	Ships Office	80 x 80 mm	10 feet	Bridge	80 x 80 mm	25feet	Ward Room	80 x 80 mm	10 feet	Conduit Pipe	Bridge	1 inch	45 feet	Ships Office	1 inch	15 feet	Ships D/Hall	1 inch	15 feet	ASP	1 inch	25 feet	EVAC	1 inch	20 feet	Aft Eng Room	1 inch	30 feet	Fwd Eng Room	1 inch	30 feet	Port Elway	1 inch	40 feet	Stbd Elway	1 inch	30 feet	Fox'l	1 inch	10 feet	Gun Deck	1 inch	30 feet	Conduit Pipe	Q/Deck	1½ inch	20 feet	Signal Deck	1½ inch	80 feet	Conduit Pipe	ASP	2 inch	25 feet	Q/Deck	2 inch	40 feet	Gun Deck	2 inch	35 feet	Port Elway	2 inch	20 feet	Gun Deck	2 inch	75 feet	Conduit Pipe	Signal Deck	2 inch	45 feet	Signal Deck	4 inch	25 feet
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		Aft Eng Room	4 inch	35 feet	
		ASP	4 inch	25 feet	
		<b>Split A/Cs Drain Pipes</b>	Misc	1 inch	450 feet
		<b>A/Cs Drain Pipes Elbow</b>	Misc	-	30 in no
		<b>A/Cs Drain Pipes T Joint</b>	Misc	-	30 in no
		1. PVC Channel/ Ducting Pipe (100 x 100 mm)		140 feet	
		2. PVC Channel/ Ducting Pipe (80 x 80 mm)		95 feet	
		3. Split A/Cs Drain pipes		450 feet	
		4. A/Cs Drain pipes elbow		30 in no	
		5. A/Cs Drain pipes T joint		30 in no	
		6. Conduit pipe (1 inch )		390 feet	
		7. Conduit pipe (1½ inch)		100 feet	
		8. Conduit pipe (2 inch )		240 feet	
		9. Conduit pipe (4 inch )		85 feet	
7.	Justification i.e PMS/ Failure/ FWT etc	The present condition of maximum PVC channel/ ducting and conduit pipes are deteriorated due FWT & hot/ humid weather conditions			
8.	Work Required/ Defect	Renewal of PVC channel/ ducting and conduit pipes			
9.	Detailed Scope of work	Scope of work is as under:  a. Removal of old PVC channel/ ducting and conduit pipes or cables/wires/pipes of electrical, weapon & AC systems.  b. Renewal of PVC channel/ ducting and conduit pipes or cables/wires/pipes of electrical, weapon & AC systems with sea securing mechanism.  c. All material for renewal of PVC channel/ ducting and conduit pipes are to be arranged and installed by the firm.  d. The firm will arrange all spares, tools and accessories etc required for the same work.  e. The firm will be responsible for welding/ cutting work if required.  f. The firm will be responsible for requirement of external services.  g. The firm will be responsible for removal transportation and installation work during warranty/ guarantee period claims and in case of any re-work.  j. 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.			
10.	Technical Specs	As per IT Spec			

11.	Eligibility Criteria	a. The firm should visit onboard and carry out inspection to establish the extent of required work.  b. The firm should be having good experience of the same kind work required onboard.  c. The firm should be NTN/ GST registered.
12.	EDC	15 days after issuance of work/ confirmation order.
13.	Warranty	01 Year
14.	Acceptance Criteria	Fitting of all PVC channel/ ducting, conduit pipes and Split AC drain pipes at their respective places with sea securing mechanism.
15.	Any other relevant information	Quality material is to be used.

**IT NO : IT/05/04/2024-25**

**IT SPECIFICATIONS & SCOPE OF WORK FOR PURCHASE  
CUGs MOBILE PHONE SET – EASTERN / WESTERN REGIONS.**

DESCRIPTION	SPECIFICATIONS
Item	Mobile Phone Set and Batteries
Company	NOKIA
Make/Model (Mobile)	NOKIA -106
Make/Model (Battery)	BL-5CB 800mAh 3.7V 3.0Wh
Qty	10x Mobile Sets 03x Batteries
Scope of Work	Provision of Mobile Phone Sets(NOKIA-106) and Batteries are being utilized by EMR/WMR commands for smooth communication.
EDC	10 days
Warranty/ Validity	a. Company's warranty. b. As work is being conducted through supplier therefore in case of any havoc; supplier will be responsible for expenses.
Acceptance	Work will be accepted upon inspection by HQ PMSA rep.

**IT NO : IT/05/05/2024-25**

**REPAIR OF EQUIPMENT COOLING SEA WATER PUMP – PMSS KASHMIR**

**SPECIFICATIONS FOR REPAIR OF EQUIPMENT COOLING SEA WATER PUMP** 13

Parent Equipment	Equipment Cooling System						
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)						

**IT NO : IT/05/06/2024-25**

**IT SPECIFICATION FOR PURCHASE OF TELEPHONE SETS –**

**D(OP S) OFFICE& SECTT, D (B&A),SOO, PPO, DD (PERSONNEL) OFFICES**

S No	DESCRIPTION	SPECIFICATIONS
a.	System/ Item	Telephone Set
b.	Model/Origin	Model No: KXTS880 MX (01 X Telephone Set) Model No: TSC934CID (10 x Telephone Set)
c.	Quantity	11
d.	Scope of Work	Provision of 11 x Telephone Sets for Offices & Sectt
e.	EDC	10 days
f.	Warranty/ validity	Company warranty
g.	Acceptance	Items( Telephone Sets) will be accepted upon inspection by HQ PMSA rep.
h.	Any Other relevant information	In case of any query please contact 021-48508942 (0345-8101004)

**IT NO : IT/05/07/2024-25**

**REPAIR/ REPLACEMENT OF COMPRESSOR NO 1 OF MAIN FRIDGE - PMSS KASHMIR**

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

Encl-1

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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)										

**IT SPECIFICATIONS PROCUREMENT OF TUBE LIGHTS/ RODS - PMSS KASHMIR**

1.	Parent Equipment	Ships lighting system			
2.	Sub Equipment	Tube lights			
3.	Assembly Component	Tube rods			
4.	Make	PHILIPS			
5.	Model	Length	Model No		
		2 ft	150705		
		1.5 ft	120637		
		3ft	100587		
		4ft	110241		
6.	Quantity	Length	Qty. Req		
		2 ft	125	400 with Starters	
		1.5 ft	125	400 with Starters	
		3ft	150	400 with Starters	
		4ft	75	400 with Starters	
7.	Justification i.e PMS/ Failure/ FWT etc	Replacement of defective tube rods required to maintain essential illumination onboard ship			
8.	Work Required/ Defect	Procurement of tube rods alongwith starters as per technical specifications			
9.	Detailed scope of work	Procurement of tube rods alongwith starters as per technical specifications			
10.	Technical specs	Length	Model No	Patt No	Make
		2 ft	150705	6240-FP-099-037	Philips
		1.5 ft	120637	YZ15RR-T8/765	Philips
		3ft	100587	3421-BZ-351-307	Philips
		4ft	110241	PO71-VVTX/543	Philips
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 Procurement of electrical items/ parts			
12.	EDC/ EDD	01 week after award of contract			
13.	Warranty	01 year			
14.	Acceptance Criteria	Item will be accepted after satisfactory trials onboard			
15.	Any Other Relevant Information	SS contact MEO (0333-7766789)			

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**IT SPECIFICATION OF IMPELLERS OF SSDGs – PMSS RAFAQAT**

1.	Parent Equipment	SSDGs
2.	Sub Equipment	Sea water pump
3.	Assembly Component	Rubber Impeller
4.	Make	Caterpillar
5.	Model/ Part No	3304 (5N9360)
6.	Quantity	04
7.	Justification i.e PMS/ Failure/FWT etc	FWT
8.	Work Required/ Defect	i. Procurement of rubber impellers for sea water pump. ii. Rubber impellers fins was led out.
9.	Detailed scope of work	i. Item is to be procured from OEM as per part number. ii. The firm is responsible to provide import document and OEM certificate of Conformity of Caterpillar (COC).
10.	Technical Specification	i. Rubber material ii. Rubber inner sleeve brass iii. Inner dia "25mm" iv. Outer dia "60mm" v. No of fins 12
11.	Eligibility Criteria	i. Reputable local contractor/ OEM Rep. ii. The firm should be NTN/ GST registered.
12.	EDD	07 Days
13.	Warranty	01 Year
14.	Acceptance Criteria	i. OEM certified part ii. Output of Sea water pump 1.2 bar iii. Upon successful completion of trails by Ship Staff.
15.	Any other relevant information	Nil



**IT SPECIFICATIONS**  
**REPAIRING/ POLISHING OF OFFICE FURNITURE OPERATIONS DIRECTORATE**

S No	IT SPECIFICATION																			
1.	Parent Equipment	Office Furniture																		
2.	Sub Equipment	N/A																		
3.	Make	N/A																		
4.	Model	N/A																		
5.	Qty	As mentioned against each																		
6.	Justification	Office furniture are deteriorated due to fear & tear																		
7.	Work Required	Repairing/ Polishing Work																		
8.	Detailed scope of work	<table border="1"><tr><td>a. Replacement of formica sheets</td><td>08 x Work stations</td></tr><tr><td>b. Polishing of Office Tables &amp; Replacement of Formica sheets</td><td>06</td></tr><tr><td>c. Re-cushioning of Chairs</td><td>12</td></tr><tr><td>d. Repairing of Revolving Chair</td><td>04</td></tr><tr><td>e. Replacement of wooden matte tiles D(Ops) &amp; Staff Officers Offices</td><td>03 x Offices</td></tr><tr><td>f. Repair/ replacement of appointment board</td><td>04</td></tr><tr><td>g. Replacement of Door Mats</td><td>04</td></tr><tr><td>h. Repairing/ polishing of Book shelf</td><td>02</td></tr><tr><td>j. Replacement of Formica sheet on computer table</td><td>03</td></tr></table>	a. Replacement of formica sheets	08 x Work stations	b. Polishing of Office Tables & Replacement of Formica sheets	06	c. Re-cushioning of Chairs	12	d. Repairing of Revolving Chair	04	e. Replacement of wooden matte tiles D(Ops) & Staff Officers Offices	03 x Offices	f. Repair/ replacement of appointment board	04	g. Replacement of Door Mats	04	h. Repairing/ polishing of Book shelf	02	j. Replacement of Formica sheet on computer table	03
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g. Replacement of Door Mats	04																			
h. Repairing/ polishing of Book shelf	02																			
j. Replacement of Formica sheet on computer table	03																			
9.	Technical Spec	N/A																		
10.	Eligibility Criteria	Any reputed firm having good experience of furniture																		
11.	EDC	04 days																		
12.	Warranty	01 Year																		
13.	Acceptance Criteria	Satisfactory Work																		
14.	Any other relevant information	Nil																		

**IT NO : IT/05/11/2024-25**

Annex B to PMSS INDUS  
Letter PMS/470/TPT/346  
Dated 22 May 2024

**IT SPECIFICATIN COMERCIAL REPAIR CASE VEHICLE NO 190417 MS TOYOTA COASTER**

1.	SYSTEM	COMERCIAL REPAIR
2.	MAKE	TOYOTA
3.	MODEL	2019
4.	VEHICLE NO	190417 MS
5.	ITEM DESCRIPTION	Work Description <b><u>Following items will be repair/replaced:</u></b>  Roof Repair & Maintenance
6.	TECHNICAL SPESIFICATINOS	MATERIAL AS PER EXISTING
7.	PRELIMINARY INVESTIGATION BY SHIPS'S STAFF	D(MT) / MTO STAFF
8.	ELIGIBILITY	REGISTERED CONTRACTOR
9.	EDD	30 DAYS
10.	WARRANTY	WARRANTY 12 MONTHS
11.	ACCEPTANCE CRITERIA	STAGE INSPECTION BY END USER
12.	ANY OTHER RELEVANT INFORMANTION	N/A

**IT SPECIFICATIONS OF PETROL STOWAGE FACILITY - PMSS NUSRAT**

S No	IT Specifications	
1.	Parent Equipment	Petrol stowage system
2.	Sub Equipment	Nil
3.	Assembly Component	Nil
4.	Make	Stainless Steel
5.	Model	Nil
6.	Qty	01 (250 Ltrs Capacity of petrol)
7.	Justification i.e PMS/ Failure/ FWT etc	During DC&FF Work up point was highlighted by HQ FOST
8.	Work Required/ Defect	As per scope of work
9.	Detailed Scope of work	Scope of work is as under:  a. Installation of petrol stowage facility for safe custody of petrol.  b. Standardize fire proof material is to be used having durability at least 10-15 years.  c. Quick release mechanism is to be installed for emergency.  d. Stowage/ area must be well ventilated.  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.  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.
10.	Technical Spec	As per IT specification
11.	Eligibility Criteria	a. The firm should visit onboard and carry out inspection to establish the extent of required work.

		b. The firm should having good experience of the same kind of work required onboard.
12.	EDC	c. The firm should be NTN/GTN registered 15 x working days after issuance of work / confirmation order
13.	Warranty	01 year from the date of acceptance
14.	Acceptance Criteria	Successful completion and acceptance by the end user
15.	Any other relevant information	Nil

**1 SPECIFICATIONS - REPAIR OF AFT FIREMAIN PUMP - PMSS KASHMIR**

16

1.	Parent Equipment	Fixed Firemain System	
2.	Sub Equipment	Firemain Pump	
3.	Assembly Component	Impeller, Pump body, Seal Ring, Pump and Motor bearings	
4.	Make	Jiangsu Zhenhua Pump Industry	
5.	Model	CLH80-65-5.5(Z)	
6.	Quantity	01	
7.	Justification i.e PMS/ Failure/ FWT etc	FWT	
8.	Work Required/ Defect	(i) Fabrication/ casting of Impellers as per sample (ii) Procurement and installation of new bearings & mechanical seal (iii) Casting of Pump housing/ body (iv) Replacement of seal ring (v) Winding of motor	
9.	Detailed scope of work	As per S No 8	
10.	Technical specs	Impeller Material : Silicon Brass Dia : 3 inch Width : 0.4 inch Bearing Inner dia : 2.5 inch Outer dia : 3.5 inch Pump Body Material: Silicon Brass	
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 pumps	
12.	EDC/ EDD	07 Days after award of contract	
13.	Warranty	1 Year	
14.	Acceptance Criteria	Item will be accepted after onboard inspection and satisfactory trials at 6 bar discharge pressure and flow rate shall be 50 Ton/ hr for 24 hours.	
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)	

*[Handwritten Signature]*

**REPAIR OF CHILLER SEA WATER PUMP - PMSS KASHMIR**

18

**IT SPECIFICATIONS - REPAIR OF CHILLER SEA WATER PUMP**

1.	Parent Equipment	Fwd Chill Water Plant	
2.	Sub Equipment	Seawater Pump	
3.	Assembly Component	Impeller, pump body, bearing and mechanical seal	
4.	Make	Jiangsu Josun Air Conditioner CO.	
5.	Model	ZH-CLH100-80-13	
6.	Quantity	01	
7.	Justification i.e PMS/ Failure/ FWT etc	FWT	
8.	Work Required/ Defect	Complete Overhauling of seawater pumps	
9.	Detailed scope of work	(i) Dismantling and installation of pumps (ii) Overhauling of pumps alongwith fabrication of new pump bodies (iii) Equipment paint on pump	
10.	Technical specs	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	07 Days	
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)	

*[Handwritten signature]*

**IT NO : IT/05/15/2024-25**  
**PMSS INDUS SHIPS GALLEY**

**IT SPECIFICATION FOR PURCHASE OF UTENSILS COOKING ALUMINUM WITH COVER FOR SHIP GALLEY**

S No	IT SPECIFICATION	
1.	Item	Utensils Cooking Aluminum with Cover
2	Specification	Food grade aluminum alloy 100% free from lead (PB) and Cadmium (CD), Aluminum grade 3003, TH 10 SWG.
3	Sub System	N/A
4	Size	As per Utensils Cooking Aluminum with Cover (O/D 25.50") HEIGHT "14", 250 Pound Locally Terminology
5	Model	N/A
6	Quantity	02 Nos
7	Description	Purchase of Utensils Cooking Aluminum with Cover (O/D 25.50") HEIGHT "14" ,250 Pound size
8	Eligibilities	The firm should Registered in PMSA and also NTN / GST registered.
9	EDD	30 Working Days after issuance of work / confirmation order
10	Warranty / Guarantee	01 Year Warranty after delivery
11	Acceptance Criteria	Accepted by PMSA Warehouse Staff

**IT NO : IT/05/16/2024-25**  
**PROCUREMENT OF NETWORK SWITCH – 93 PMSA SQN**

S NO	IT SPECIFICATION	
1.	Model	H3C Switch
2.	Ports	24xports
3.	Port switching capacity	128 Gpds
4.	Quantity	01x H3C switch 24xport
5.	Console Port	01
6.	Service port	24-port 10/100/1000 base-t 4port SFP
7.	Input voltage	100 V AV- 240VAC@ 50Hz
8.	Power consumption	Min AC:10W MAX AC:24W
9.	Environmental data	Operational temperature: 0°C to 45°C Operation Humidity 0% to 90%
10.	Eligibilities	Any PMSA contractor
11.	EDC	15 Days
12.	Warranty	03 Year
13.	Acceptance Criteria	Inspection and Trials by End user

**IT NO : IT/05/17/2024-25**

**IT SPECIFICATIONS OF SPLIT AC (1.5 TON) – PMSS REHMAT**

<b>S No</b>	<b>IT Specifications</b>	
1.	Parent Equipment	General Habitability onboard
2.	Sub Equipment	Split AC
3.	Assembly Component	1.5 Tons (18000 BTUs)
4.	Make	Any reputable brand preferably DAWLANCE, GENERAL or ACSON
5.	Model	
6.	Quantity	01 in No
7.	Justification i.e PMS/ Failure/ FWT etc	02 x 1.5 Ton split AC installed at bridge have been declared BER by BMG.
8.	Work required/ Defect	Procurement of 01 x 1.5 ton split type ACs against survey is required.
9.	Technical Specification	a. 18000 BTU each b. 220V 50Hz c. Copper material for inner and outer coil.
10.	Scope of Work	Following work is required to be undertaken for procurement of 1.5 tons AC against survey:  a. Provision 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.
11.	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.
12.	EDD	1 week after issuance of LPO
13.	Warranty	Company's warranty
14.	Acceptance criteria	Inspection and satisfactory trials by end user.
15.	Any other relevant information	-

**SPECIFICATIONS FOR OVERHAULING/ REPAIRING OF AFT CHILLER SEA WATER PUMP AND SUCTION LINE - PMSS KOLACHI**

No	Description				
1.	Parent Equipment	Chilled Water Plant			
2.	Sub Equipment	Sea Water System			
3.	Assembly Equipment	a. Sea Water Pump b. Sea Water Line			
4.	Make	JIANGSU ZHENHUA Pump Industry CO. LTD			
5.	Model	CLH100-80-13			
6.	Required Quantity	S No	Part Number	Description	Quantity
		a.	IS100-80-160-02	Sea water pump impeller	01
		b.	-	Sea water line (material: brass, Dia: 6 inch, Length:7 ft)	01
7.	Justification	Repair/ overhauling of above mentioned items is deemed necessary for SAT operation of Chilled Water Plant.			
8.	Detailed scope of work	a. Repair/ overhauling of aft chiller sea water pump including repair/ machining of pump body and fabrication of new impeller b. Repair of suction line c. On board installation of pump and sea water line			
9.	Technical specifications	As per OEM specifications/Manual			
10.	Eligibilities	Reputable local contractor having working experience with PMSA.			
11.	EDD / <i>EDC</i>	10 days.			
12.	Warranty	OEM specified.			
13.	Acceptance Criteria (if any)	a. Sea water pump discharge pressure should be above 2 bar b. Sea water pump motor current and temperature should be within working range limit c. No sea water leakage from line should be observed d. Successful harbor trials			
14.	Any other relevant Info	MEO Contact No 03362490044			



**IT NO : IT/05/19/2024-25**

**REPAIR/ MAINTENANCE OF 01 X EXHAUST FLAP OF STBD MAIN ENGINE – PMSS**  
**RAFAQAT**

**IT SPECIFICATION OF REPAIR/ MAINTENANCE OF EXHAUST FLAP OF STBD MAIN ENGINE**

1.	Parent Equipment	Stbd Main diesel engine
2.	Sub Equipment	Exhaust flap
3.	Assembly Component	Exhaust flap
4.	Make	Caterpillars USA
5.	Model	3516-DITA
6.	Qty	01
7.	Justification i.e. PMS/ Failure/ FWT etc	Stbd exhaust flap hard in operation
8.	Work Required/Defect	Repair/ Maintenance of Stbd exhaust flap
9.	Detailed scope of work	a. Main exhaust flap spindle hard in operation.. b. Remove the exhaust flap from the system/ engine. c. Carry out Complete inspection of exhaust flap and defect rectification of valve spindle and exhaust flap for smooth operation. d. Machining work to be carried out on exhaust flap spindle as per requirement. e. After repair of spindle the main exhaust flap is to be fitted back. f. Upon completion exhaust flap is to be checked for satisfactory operation. g. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. h. Requirement of external services, if any will be responsibility of the firm without any liability on the part of ship. j. When visit onboard to carry out inspection to establish the extent of required work. k. Repair defective items are same hand over to SS
10.	Technical specification	-
11.	Eligibility Criteria	a. The firm should visit onboard and carry out inspection to establish the extent of required work. b. The firm should have experience of the same kind of work. c. The firm should be NTN/GST registered.
12.	EDC	07 days.
13.	Warranty	1 year
4.	Acceptance Criteria	a. OEM certified material b. Satisfactory running trials c. Successful operation of exhaust flap,
15.	Any other relevant information	Nil

**\* SPECIFICATIONS - REPAIR OF FIRE & BILGE PUMP - PMSS KASHMIR**

1.	Parent Equipment	General Purpose Fire/ Bilge Pump	
2.	Sub Equipment	Fire/ Bilge Pump	
3.	Assembly Component	02 x brass impellers, body, seal ring, motor & bearings	
4.	Make	Jiangsu Zhenhua Pump Industry	
5.	Model	125CLZ-9-2	
6.	Quantity	01	
7.	Justification i.e PMS/ Failure/ FWT etc	FWT	
8.	Work Required/ Defect	Complete Overhauling of Pump alongwith winding/ replacement of motor	
9.	Detailed scope of work	As per S No 8	
10.	Technical specs	Impeller	Material : Silicon Brass Dia : 3 inch Width : 0.4 inch
		Bearing	Inner dia : 2.5 inch Outer dia : 3.5 inch
		Pump Body	Material: Silicon Brass
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 pumps	
12.	EDC/ EDD	05 Days after award of contract	
13.	Warranty	1 Year	
14.	Acceptance Criteria	Item will be accepted after onboard inspection and satisfactory trials at 8 bar discharge pressure and flow rate shall be 50 Ton/ hr for 24 hours.	
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)	

**IT SPECIFICATION OF ELECTRO HYDRALIC CRANE - PMSS SABQAT**

**IT SPECIFICATIONS**

1.	Parent Equipment	Electro Hydraulic crane
2.	Sub equipment	Hydraulic Ram (Boom)
3.	Assembly component	Electro Hydraulic crane
4.	Make	Appleton Marine USA
5.	Model	WI 54913
6.	Quantity	01 x Nos
7.	Justification i.e PMS/ Failure/FWT etc	Hydraulic Ram (Boom) Balancing control valve
8.	Work Required/ Defect	Required for satisfaction operation
9.	Detailed scope of work	Following work is required to be: a. Removal of defective Hydraulic Ram from system. b. Repair/ replacement of balancing control valve c. All material spare, tools special equipment tool accessories required for said work are to be arranged by the contractor. Any damage occurs during the course of removal and installation work will be done by the firm without any liability/ responsibility on part of the ship/ PMSA. d. Requirement of the external services if required will be responsibility of the firm without any liability on part of the ship
10.	Technical Specs (If any)	Following are technical specifications: a. Supply lion working pressure 2500 PSI b. Flow rate 05 GPM c. Return line working pressure 500 PSI d. Flow rate 7.5 GPM e. Material Mild Steel
11.	Eligibility Criteria	Following eligibility criteria to be ensured: 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.	EDD	07 working days
13.	Warranty	01 x year from the date of acceptance by end user
14.	Acceptance Criteria (If any)	Acceptance criteria is as follows: a. OEM certified material b. Satisfactory running trails
15.	Any other relevant information	NA

**IT SPECIFICATIONS – REQUIREMENT OF MATERIAL FOR ENHANCEMENT OF SECURITY  
SYSTEM OF PMSA BASE KETI BANDAR**

1.	Parent Equipment	PMSA BASE KETI BANDAR																											
2.	Sub Equipment	Under mentioned infrastructure requires repair work: a. Boundary Wall b. Main Gate c. Window Grill Guard Room d. Watch Tower																											
3.	Assembly Component	-																											
4.	Make	Local																											
5.	Model	Local																											
6.	Qty	Mentioned at S No 9 Below																											
7.	Justification i.e PMS/ Failure/ FWT etc	Existing infrastructure degraded due FWT caused by environmental effects and requires immediate repair																											
8.	Work Required/ Defect	Repair/ Maintenance of building infrastructure at PMSA Base Keti Bandar																											
9.	Detailed scope of work	Following material for construction work alongwith labor is required for refurbishment of above stated infrastructure at PMSA Base Keti Bandar: <table border="1"><thead><tr><th>S No</th><th>Description</th><th>Qty</th></tr></thead><tbody><tr><td>a.</td><td>Cement Bags 50 kg</td><td>130 In No</td></tr><tr><td>b.</td><td>Steel</td><td>350 Kg</td></tr><tr><td>c.</td><td>Sand</td><td>08 Dumper</td></tr><tr><td>d.</td><td>Crush</td><td>05 Dumper</td></tr><tr><td>e.</td><td>Cement Block</td><td>4500 In No</td></tr><tr><td>f.</td><td>Mix Sand</td><td>04 Dumper</td></tr><tr><td>g.</td><td>Steel Gate</td><td>01 In No</td></tr><tr><td>h.</td><td>Steel Grill</td><td>02 In No</td></tr></tbody></table>	S No	Description	Qty	a.	Cement Bags 50 kg	130 In No	b.	Steel	350 Kg	c.	Sand	08 Dumper	d.	Crush	05 Dumper	e.	Cement Block	4500 In No	f.	Mix Sand	04 Dumper	g.	Steel Gate	01 In No	h.	Steel Grill	02 In No
S No	Description	Qty																											
a.	Cement Bags 50 kg	130 In No																											
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e.	Cement Block	4500 In No																											
f.	Mix Sand	04 Dumper																											
g.	Steel Gate	01 In No																											
h.	Steel Grill	02 In No																											
10.	Technical Spec	<u>Measurement of Steel Gate:</u> Length: 7 ft Width: 14 ft Gauge: 14 (2mm) <u>Measurement of Window Grill:</u> Length: 4 ft Width: 4 ft & 7 ft Dia: ½ inch Square Shape Rod																											
11.	Eligibility Criteria	Any registered firm with good reputation and having experience of repair/ maintenance of building near sea																											
12.	EDC	15 Days after contract and placement of order																											
13.	Warranty	One year after completion																											

14.	Acceptance Criteria	a. Inspection by end user b. Completion in due date
15.	Any other relevant information	Nil

**IT NO : IT/05/23/2024-25**

**REPAIR OF AFT MAIN ENGINE SEAWATER PUMP – PMSS KASHMIR**

SPECIFICATIONS - REPAIR OF AFT MAIN ENGINE SEAWATER PUMP		ET/05-1	123
1.	Parent Equipment	Aft Main Engine	
2.	Sub Equipment	Seawater pump	
3.	Assembly Component	Shaft, Impeller, bearing, pump housing, mechanical seal and wear ring	
4.	Make	LFH Engineering Ltd	
5.	Model	16204049-03	
6.	Quantity	01	
7.	Justification	FWT	
8.	Work Required/ Defect	Repair/ overhauling of aft main engine seawater pump	
9.	Detailed scope of work	(i). Dismantling and installation on main engine (ii). Repair/Replacement of complete Shaft, Impeller, bearings, locking nut and wear ring (iii). Inspection, Pressure testing and Satisfactory trials at harbor and sea	
10.	Technical specs	Impeller	Material : Bronze Dia : 9.6 inch
		Bearing	Inner dia : 2.5 inch Outer dia : 3.5 inch
		Shaft	Stainless Steel
		Wear ring	Bronze
		Working Pressure	5.3 bar
		Testing pressure	8 bar
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 repairing of mechanical parts	
12.	EDC/ EDD	10 Days after award of Work Order	
13.	Warranty	01 year	
14.	Acceptance Criteria	(i). Working pressure of pump should not be less than 5.3 bar. (ii). Pump shall be tested at 8.0 bar pressure before installation on main engine. (iii). Item will be accepted after onboard inspection and satisfactory trials for 2 weeks at harbor and sea.	
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)	

**REQUIREMENT OF MOTOR REWINDING OF FWD MAIN PUMP – PMSS KASHMIR**

18

**IT SPECIFICATIONS – MOTOR REWINDING OF FIREMAIN PUMP**

1.	Parent Equipment	Firemain Pump	
2.	Sub Equipment	Fwd Firemain Pump	
3.	Assembly Component	Motor	
4.	Make	Jiangsu Zhenhua Pump Industry	
5.	Model	125CLZ-9-2	
6.	Quantity	01	
7.	Justification i.e PMS/ Failure/ FWT etc	FWT	
8.	Work Required/ Defect	Complete rewinding of pump's motor	
9.	Detailed scope of work	As per S No 8	
10.	Technical specs	Power	22 KW
		Power Factor	0.88
		Insulation Grade	F
		Input Voltage	380 V
		Power Output	20 KW
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 pumps	
12.	EDC/ EDD	05 Days after award of contract	
13.	Warranty	1 Year	
14.	Acceptance Criteria	Item will be accepted after onboard inspection and satisfactory trials at 8 bar discharge pressure and flow rate shall be 50 Ton/ hr for 24 hours.	
15.	Any Other Relevant Information	SS contact MEO (0321-3000503)	

**IT NO : IT/05/25/2024-25**

**IT SPECIFICATION FOR FABRICATION OF FLAGS PMSA JACK 4BD  
FOR ALL PMSA UNITS**

S No	ITEM SPECIFICATION	
1.	System	Self
2.	Sub System	N/A
3.	Make	Local
4.	Model	N/A
5.	Quantity	20 x Fabrication of Flag PMSA Jack 4BD
6.	Scope of Work	Provision of above mentioned Quantity of flags as per dimensions / sample on good quality (as per sample) cloth to PMSA Warehouse
7.	Eligibilities	a. The firm should visit onboard and carry out measurement for fabrication of flags. b. The firm should be NTN / GST registered
8.	EDC	15 Working Days after issuance of order ✓
9.	Warranty / Guarantee	a. 06 Months Warranty of Cloth b. As work is being conducted through supplier therefore in case of any havoc, supplier will be responsible for expenses
10.	Acceptance Criteria	Item will be accepted by PMSA rep upon inspection

**IT SPECIFICATION FOR FABRICATION OF FLAGS PN ENSIGN 4BD FOR ALL PMSA UNITS**

S No	ITEM SPECIFICATION	
1.	System	Self ✓
2.	Sub System	N/A
3.	Make	Local/ Vip Flags
4.	Model	N/A
5.	Quantity	20 x Fabrication of Flag PN Ensign 4BD
6.	Scope of Work	Provision of above mentioned Quantity of flags as per dimensions / sample on good quality (as per sample) cloth to PMSA Warehouse
7.	Eligibilities	a. The firm should visit onboard and carry out measurement for fabrication of flags. b. The firm should be NTN / GST registered ✓
8.	EDC	15 Working Days after issuance of order
9.	Warranty / Guarantee	a. 06 Months Warranty of Cloth b. As work is being conducted through supplier therefore in case of any havoc, supplier will be responsible for expenses
10.	Acceptance Criteria	Item will be accepted by PMSA rep upon inspection

**IT NO : IT/05/26/2024-25**

**REPAIR/ MAINTENANCE OF MOC DOORS OF HQ PMSA OPS ROOM**

S No	IT SPECIFICATION	
1.	Description	Maritime Operation Centre
2.	Make	2018
3.	Qty	02
4.	Scope of work	Repairing of air tight rubber and iron pieces around the front & rear doors
5.	Eligibilities	Any PMSA Contractor
6.	EDC	30 Days
7.	Warranty	Company Warranty
8.	Acceptance Criteria	Inspection by end user
9.	Any other relevant information	In case any query please contact PMSA OPS ROOM 021-48508851

**IT NO : IT/05/27/2024-25**

**IT SPECIFICATION OF REPAIR/ MAINTENANCE OF HIGH PRESSURE AIR COMPRESSOR-  
PMSS RAFAQAT**

1.	Parent Equipment	High pressure air compressor
2.	Sub Equipment	HPAC
3.	Assembly Component	HPAC
4.	Make	USA
5.	Model	BAUER C-D/DV/NAVY
6.	Qty	01
7.	Justification i.e. PMS/ Failure/ FWT etc	HPAC hard in operation.
8.	Work Required/Defect	Repair/ Maintenance of HPAC
9.	Detailed scope of work	a. Repair/ Maintenance of HPAC b. All material, spares, tools, special equipment/ tools, accessories etc required for said work are to be arranged by the contractor. c. Requirement of external services, if any will be responsibility of the firm without any liability on the part of ship. d. When visit onboard to carry out inspection to establish the extent of required work. e. Repair defective items are same hand over to SS
10.	Technical specification	Details as follows: i. Max operating pressure =5000 PSI.(350 Bar) ii. Number of stages=03 iii. Direction of rotation =Counter clockwise iv. Power= 6 HP v. Speed =3600 RPM vi. Weight =265 Lbs
11.	Eligibility Criteria	a. The firm should visit onboard and carry out inspection to establish the extent of required work. b. The firm should have experience of the same kind of work. c. The firm should be NTN/GST registered.
12.	EDC	07 days.
13.	Warranty	1 year
14.	Acceptance Criteria	a. OEM certified material b. Satisfactory running trials c. Successful operation of HPAC.
15.	Any other relevant information	Nil



**IT SPECIFICATIONS OF HQ PMSA INTERCOM EXCHANGE POWER SUPPLY (LUNA)**

<b>DESCRIPTION</b>	<b>SPECIFICATIONS</b>
<b>System/ Item</b>	INTERCOM EXCHANGE POWER SUPPLY (LUNA)
<b>MAKE/Model</b>	SIEMENS (X8 V2 Communication Solution )
<b>Qty</b>	03 x power supply
<b>Scope of Work</b>	Provision of 03 Power Supply and batteries
<b>ITEMS DESCRIPTION</b>	03x power supply alongwith accessories
<b>EDC</b>	15 days
<b>Warranty/ Validity</b>	a. Company's warranty. b. As work is being conducted through supplier therefore in case of any havoc; supplier will be responsible for expenses.
<b>Acceptance</b>	Work will be accepted upon completion of successful trials.
<b>Any other relevant information</b>	In case any query please contact 021-48508946.

**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](mailto:dpcc@pmsa.gov.pk)

**INVITATION TO TENDER GENERAL INSTRUCTIONS**

**1. CONDITIONS GOVERNING CONTRACT:**

All Procurement / Repairs / Maintenance Contract, Local Purchase Order (LPO) and work ordered made as a result of this IT shall mean the agreement entered into between the parties that is buyer and the supplier will be in accordance with the PPRA rules 2004 or any amendment issued from time to time. Therefore all open tender inquiry will be uploaded on PPRA Website and publish on print media as the case may be.

**2. SUBMISSION OF TENDER:**

Firms shall submit their offers in two separate envelopes clearly marked as "**Commercial Offer**" and "**Technical Offer**" for open tender. Both envelopes shall be properly sealed bearing the signature of the bidder. Thereafter both these envelopes shall be placed in one bigger envelope. This envelope should bear the address of the D (P&CC).

a. **TECHNICAL OFFER:** Should contain all relevant details and specifications as per the IT specifications. Literature / Brochure or any other relevant technical details may also be included in it. Technical offer should not contain the price. Indication of price in technical offer may render it null and void. The word "Technical Offer" should be clearly mentioned along with the tender No and date on the envelope containing the technical offer.

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

<b>S No</b>	<b>Description</b>	<b>Qty</b>	<b>U/Price</b>	<b>GST/SST/Taxes</b>	<b>Total Price</b>
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**7. ATL/ GST/ SST/ INCOME TAX NUMBER:**

Only registered suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to supply goods/ services to Government department. GST/SST and income tax number be clearly indicated on the quotations and all other relevant documents.

**8. RETURN OF EARNEST MONEY:**

- a. Earnest money to the unsuccessful bidders will be returned **one week** after commercial opening date.
- b. Earnest money to the firm who has won the purchase order/ work order & contract will be returned on submission of Bank Guarantee as per the contract.

**9. TENDER FEE:**

Each technical offer must be accompanied with Cash of **Rs.1,000/-** nonrefundable as tender fee (In favour of IT Sale Account DG PMSA) (**Separate Quotations required for each IT Specification**).

**10. INSPECTION AUTHORITY:**

Joint inspection of stores provided and work done will be carried out by committee appointed by HQ PMSA or as per the contract.

**11. CONDITION OF STORES:**

Spares, Stores, items and work done will be accepted on Warranty / Guarantee of the firm on Form DPL-15.

**12. DOCUMENTS REQUIRED:**

Following documents are required to be submitted alongwith the quotes where applicable:

- a. OEM / Authorized Dealer/Agent Certificate alongwith OEM Dealership Evidence as applicable.

b. The Supplier is to provide OEM conformance certificate. In case of Fax or e-mail hard copy of conformance certificate must follow. On receipt of this PMSA HQ may approach the OEM to confirm the veracity of the documents submitted. Companies / firms rendering false OEM conformance certificate will be penalized as per rules in vogue.

**13. SECURITY DEPOSIT / BANK GUARANTEE:**

To ensure timely and correct supply of stores the firm will furnish an unconditional Bank Guarantee (BG) from a schedule bank for an amount of **10%** of the contract value (excluding taxes, duties / freight handling charges on a stamp paper of the value of (Rs.100/00) as per prescribed format in the shape of Bank Guarantee. Format of Bank Guarantee is at Annex „B“. Furthermore, it is imperative to mention that deposit of PBG for HMI and Core Exchange cases will be equal to the total value of engine.

**14. CURRENT BANK STATEMENT:**

For all contracts of Rs 1,000,000/- or more the firm is required to submit current bank statement of the firm.

**15. INTEGRITY PACT:**

Procurement exceeding Rs 1.00 M shall be subject to an integrity pact, between the Buyer and the Suppliers or Contractors.

**16. CORRESPONDENCE:**

All correspondence will be addressed to the Buyer. Correspondence with regard to payment or issue of delivery receipt may be addressed to D (P & CC) PMSA Karachi.

**17. PRE SHIPMENT INSPECTION:**

PMSA may send a team of Officers for the inspection of Major Equipment and Machinery items at OEM premises for inspection before dispatch if required at the Supplier's cost and arrangement.

**18. AMENDMENT IN CONTRACT:**

Contract may be amended / modified to include fresh clause modify the existing clauses with the mutual agreements by the Supplier and the Buyer such modifications shall form an integral part of the contract.

**19. DISCREPANCY:**

The Buyer will render a discrepancy report to all concerned within 45 days after receipt of stores for discrepancies found in the consignment. The quantities found short are to be made good by the Supplier free of cost.

**20. PRICE VARIATION:**

Price offered against IT are to be firm and final.

**21. LIQUIDATED DAMAGES (LD):**

Liquidated Damages upto 2% per month are liable to be imposed on the Suppliers by the Buyer in accordance with PPRA rules, if the stores supplied after the expiry of the delivery date without any valid reason. Total value of the LD shall not exceed 10% of the contract value.

**22. RISK PURCHASE:**

In the event of failure on the part of Supplier to comply with the contractual obligations the contract will be cancelled at the Risk and Expense of the Supplier in accordance with PPRA rules.

**23. PENALTY:**

In case of wrong supply of the item by the Supplier, a penalty of 10% of the contract value may be imposed by this HQ PMSA apart from any other penalties.

**24. ALL RIGHTS RESERVED:**

HQ PMSA may reject all bids or proposals at any time prior to the acceptance of a bid or proposal as per PPRA Rule 33(I).

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**25. PAYMENT:**

The payment will be released through Controller of Naval Accounts (CNA) Karachi in Pak Rupees after completion of delivery / work.

26. **PARTIAL ORDER.** All participating firms are to comply acceptance of partial order. Partial supply as per lowest rates will be awarded to the lowest bidder.

27. **DISQUALIFICATION:** Offers are liable to be rejected if:-

- a. Received after time and date specified in the IT.
- b. Offers are found conditional or incomplete in any respect.
  
- c. There is any deviation from the General / Special / Technical Instructions contained in this tender.
- d. Taxes and duties, Freight, Transportation and Insurance charges not indicated separately as per required price breakdown mentioned above.
- e. Pay Order with Commercial Offer and Cash with Technical Offer is not received.
- f. Multiple rates quoted against one item.
- g. Manufacture's relevant Brochures and technical details on major equipment, assemblies are not attached in support of specification.
- h. Offers (Technical / Commercial) are containing amendments / corrections / overwriting etc.
- j. National Tax No (NTN) and GST/SST No are not indicated on technical and commercial offer.
- k. If validity of offer is not quoted as required in IT or made subject to confirmation late.