

SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 11 x IT SPECIFICATIONS

IT NO : IT/80/01/2023-24
PMSS RAFQAT – SO(COMM)

IT SPECIFICATION FOR PURCHASING OF ISAT DOCK2 MARINE SET

<u>IT SPECIFICATION</u>	
Item	I/C 8944A-ISATPHONE2
Quantity	01
Make Model	Spain
Warranty	Two Year
EDD	One Month
Scope of the Work	Installation of IsatDock2 Marine onboard ships.
Eligibilities	After scrutiny of TSR
Acceptance	The equipment will be accepted after installation onboard ship & successful trials of sets through acceptance committee of HQ PMSA
Any other relevant information	In case any query please contact 021-48508942.(0345-8101004)

IT NO : IT/80/02/2023-24

**IT SPECIFICATIONS FOR PROCUREMENT/ APPLICATION OF PAINT WORK ON
30MM GUN – PMSS KOLACHI**

1.	Parent Equipment	CS/AN3 type 30mm single-barrel Naval gun	
2.	Origin	CHINA	
3.	Make	Changan Industry (Group) CO, Ltd. (CHINA)	
4.	Model	CS/AN3	
5.	Quantity	8 Ltr weather shield instrument paint	
6.	Work Required/ Defect	NA	NA
7.	Detail Scope of Work	a. Procurement of instrument paint in Navy grey colour b. Removal of spots and surface preparation of Gun. c. Application of paint via spray gun by professional. d. Any growth in scope of work will be responsibility of contractor.	
8.	Technical Specification (if any)	Quantity	8 Ltr
		Quality	Weather shield Instrument paint
		Color	To be confirmed after visit onboard.
9.	Eligibilities Criteria	a. Have past experience w.r.t procurement of paint onboard PMSA Ship. b. Local contractor must visit ship to understand exact requirement/ scope of work and acquire visit certificate from WEO.	
10.	EDC	05 Working days	
11.	Warranty	1-year warranty for all mentioned works.	
12.	Acceptance Criteria (if any)	Upon successful completion of paint work.	
13.	Any other relevant information	SS may be contacted for any further query/ requirement.	



IT NO : IT/80/03/2023-24

**IT SPEC FOR REPAIR/ REPLACEMENT OF STBD OUTER SHAFT INTERMEDIATE
BEARING NO 1 -PMSS BARKAT**

1.	Ship's Name	PMSS BARKAT
2.	Parent Equipment/System	Main Propulsion
3.	Sub Equipment/ system	Stbd Outer shaft
4.	Assembly/Equipment	Intermediate Bearing No 1
5.	Make	China
6.	Model	-
7.	Qty	01
8.	Justification	a. Intermediate bearing No 1 temperature observed high
9.	Work Required	Repair/ replacement of Intermediate bearing No 1 of stbd outer shaft
10.	Detailed Scope of Works	a. De-couple Intermediate shaft No 1 from gear box and Intermediate shaft No 2. b. Decouple Gear box from Engine (FSME) and Remove gear box. c. Remove Intermediate bearing casing a/w accessories. d. Remove Intermediate bearing and sleeve. e. Inspect roller bearing, bearing sleeve and shaft. f. Inspect water cooling jackets for leak/ pressure test. g. Repair/ replace defective components. h. Install Intermediate bearing a/w accessories. j. Install gear box. k. Carry out alignment of Engine and gear box. l. New gasket, nuts and bolts to be used for installation. m. The firm will arrange all spares, tools, accessories etc required for said job. n. The firm will responsible for any damage, defect and wear tear, occurred during the removal and installation. p. The firm will be responsible for requirement of external services. q. The firm will be responsible for removal, repair and installation work as per standard SOPs/ OEM Manual.
11.	Technical Spec	Dia meter of Shaft journal: 120 mm Length of Intermediate shaft: 4400 ± 1mm Roller bearing SKF
12.	Eligibilities	a. The firm must visit onboard to establish the extent of required work. b. The Firm must have experience of same kind of work. c. The firm should be NTN /GST registered.
13.	EDC	10 x working days after issuance of work order.
14.	Warranty	01 Year after issuance of completion certificate
15.	Acceptance criteria	a. Satisfactory work done by the firm as per IT specs. b. No Vibration at 1400 ERPMs. c. Bearing temperature should be below 45 C° at 1400 ERPMs. d. No abnormal noise form bearing.
16.	Any other Information	-

IT SPECIFICATION FOR CALIBRATION OF GAUGES/ METERS– PMSS BARKAT

1.	Ship's Name	PMSS BARKAT																																																																																																				
2.	Parent Equipment/System	Miscellaneous																																																																																																				
3.	Sub Equipment/ system	-																																																																																																				
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6.	Model	-																																																																																																				
7.	Qty	88																																																																																																				
8.	Justification	Calibration of gauges/meters is due.																																																																																																				
9.	Work Required	Calibration of gauges and replacement of defective gauges/ meters																																																																																																				
10.	Detailed Scope of Works	<p>a. Calibration of under mentioned gauges is required to be undertaken. Replace defective one.</p> <table border="1"> <thead> <tr> <th>S No</th> <th>Description</th> <th>Location/system</th> <th>RANGE</th> <th>QTY</th> </tr> </thead> <tbody> <tr> <td>(1).</td> <td>Lub oil pressure</td> <td>Evac/Sea crane</td> <td>0-6000 PSI 0-400 BAR</td> <td>01</td> </tr> <tr> <td>(2).</td> <td>Air pressure</td> <td>AER/ LP air system</td> <td>0-350 PSI 0-25 BAR</td> <td>01</td> </tr> <tr> <td>(3).</td> <td>Air pressure</td> <td>AER/ LP air system</td> <td>0-230 PSI 0-16 BAR</td> <td>06</td> </tr> <tr> <td>(4).</td> <td>Sea water pressure</td> <td>FER/AER/ Firemain pump</td> <td>-30in hg-150 PSI 760mm hg-10.6 kg/cm²</td> <td>02</td> </tr> <tr> <td>(5).</td> <td>Sea water pressure</td> <td>FER/AER/ Firemain pump</td> <td>0-150 PSI 0-10 BAR</td> <td>02</td> </tr> <tr> <td>(6).</td> <td>Fresh water pressure</td> <td>FER/fresh water pump</td> <td>0-80 PSI 0-60 kg/cm²</td> <td>01</td> </tr> <tr> <td>(7).</td> <td>Fresh water pressure</td> <td>FER/fresh water pump</td> <td>0-150 PSI 0-10 kg/cm²</td> <td>01</td> </tr> <tr> <td>(8).</td> <td>Fuel pressure</td> <td>FER/fuel transfer system</td> <td>-1-1 BAR -15-15 PSI</td> <td>01</td> </tr> <tr> <td>(9).</td> <td>Lub oil pressure</td> <td>FER/AER/LCP main engine</td> <td>0-10 BAR 0-150 PSI</td> <td>04</td> </tr> <tr> <td>(10).</td> <td>G/box lub oil pressure</td> <td>FER/AER/LCP main engine</td> <td>0-25 BAR 0-350 PSI</td> <td>04</td> </tr> <tr> <td>(11).</td> <td>Temperature Gauge</td> <td>FER/AER/LCP main engine</td> <td>40-120 C^o 120-260 F^o</td> <td>08</td> </tr> <tr> <td>(12).</td> <td>RPM meter</td> <td>FER/AER/LCP main engine/bridge</td> <td>0-30X(100)</td> <td>08</td> </tr> <tr> <td>(13).</td> <td>Shaft Bearing Temp</td> <td>FER/AER</td> <td>0-120 C^o 32-250 F^o</td> <td>06</td> </tr> <tr> <td>(14).</td> <td>Lub oil Pressure</td> <td>FER/AER/LCP SSDGs</td> <td>0-10 BAR 0-150 PSI</td> <td>03</td> </tr> <tr> <td>(15).</td> <td>Temperature Gauge</td> <td>FER/AER/LCP SSDGs</td> <td>0-120 C^o 32-250 F^o</td> <td>06</td> </tr> <tr> <td>(16).</td> <td>Voltage meters</td> <td>FER/AER/LCP SSDGs</td> <td>18-32 VDC</td> <td>03</td> </tr> <tr> <td>(17).</td> <td>RPM/Hz</td> <td>FER/AER/LCP SSDGs</td> <td>0-1950 RPM 0-65 Hz</td> <td>03</td> </tr> <tr> <td>(18).</td> <td>Lub oil pressure</td> <td>ASP/Steering system</td> <td>0-3500 PSI 0-250 BAR</td> <td>04</td> </tr> <tr> <td>(19).</td> <td>Volt Meter</td> <td>FER/charging Panel</td> <td>0-50 VDC</td> <td>01</td> </tr> </tbody> </table>	S No	Description	Location/system	RANGE	QTY	(1).	Lub oil pressure	Evac/Sea crane	0-6000 PSI 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/ Firemain pump	-30in hg-150 PSI 760mm hg-10.6 kg/cm ²	02	(5).	Sea water pressure	FER/AER/ Firemain pump	0-150 PSI 0-10 BAR	02	(6).	Fresh water pressure	FER/fresh water pump	0-80 PSI 0-60 kg/cm ²	01	(7).	Fresh water pressure	FER/fresh water pump	0-150 PSI 0-10 kg/cm ²	01	(8).	Fuel pressure	FER/fuel transfer system	-1-1 BAR -15-15 PSI	01	(9).	Lub oil pressure	FER/AER/LCP main engine	0-10 BAR 0-150 PSI	04	(10).	G/box lub oil pressure	FER/AER/LCP main engine	0-25 BAR 0-350 PSI	04	(11).	Temperature Gauge	FER/AER/LCP main engine	40-120 C ^o 120-260 F ^o	08	(12).	RPM meter	FER/AER/LCP main engine/bridge	0-30X(100)	08	(13).	Shaft Bearing Temp	FER/AER	0-120 C ^o 32-250 F ^o	06	(14).	Lub oil Pressure	FER/AER/LCP SSDGs	0-10 BAR 0-150 PSI	03	(15).	Temperature Gauge	FER/AER/LCP SSDGs	0-120 C ^o 32-250 F ^o	06	(16).	Voltage meters	FER/AER/LCP SSDGs	18-32 VDC	03	(17).	RPM/Hz	FER/AER/LCP SSDGs	0-1950 RPM 0-65 Hz	03	(18).	Lub oil pressure	ASP/Steering system	0-3500 PSI 0-250 BAR	04	(19).	Volt Meter	FER/charging Panel	0-50 VDC	01
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(20)	Volt meter	MCR/charging panel	0-100 V	01
(21)	Amp meter	MCR/charging panel	100-0-100 AMP	01
(22)	Volt meter	MCR/Silicon Rectifier	0-40 V	01
(23)	Amp meter	MCR/Silicon Rectifier	0-90 AMP	01
(24)	RPM meter	MCR/Engine Control Panel	0-25000 RPM	04
(25)	Amp meter	MCR/ switchboard	0-400 AMP	04
(26)	Volt meter	MCR/Main switchboard	0-500 V	04
(27)	Freq/RPM meter	MCR/ switchboard	45-65 Hz 1350-1950 RPM	03
(28)	K/W meter	MCR/Main switchboard	0-200 KW	03
(29)	Insulation meter	MCR/Main switchboard	0- α M Ω	01

- b. All spares (as per OEM), tools, special equipment/ accessories required for said job are to be arranged by the Firm.
- c. Any damage/ defect/ wear tear occurred during course of removal, repair and installation of system/ equipment will be repaired/ met by Firm
- d. Requirement of external services will be responsibility of the firm.
- e. Certificate of calibration (for each gauge/ meter) is to be provided to the end user.
- f. Gauges are to be marked for identification.
- g. Defective gauges are to be replaced.
- h. If any repair/ maintenance work goes beyond the defined scope of works will be considered as growth work and cost of same will be processed accordingly.

11.	Technical Spec	-
12.	Eligibilities	<p>a. The firm must visit onboard and carry out diagnoses/ inspections to establish the extent of required work.</p> <p>b. The Firm must have sufficient experience of same kind of work and experienced.</p> <p>c. The firm should be NTN /GST registered.</p>
13.	EDC	10 working days after issuance of work/confirmation order
14.	Warranty	01 x Year after issuance of completion certificate
15.	Acceptance criteria	Satisfactory operation of gauges/ meters
16.	Any other Information	-

IT NO : IT/80/05/2023-24

IT SPECIFICATIONS FOR REPAIR OF DAILY USE BILGE PUMP - PMSS KOLACHI

S No	Description				
1.	Parent Equipment	Bilge system			
2.	Sub Equipment	Daily use Bilge pump			
3.	Assembly Equipment	a. Stator b. Rotor			
4.	Make	Hebei Hengsheng Pumps CO.			
5.	Model	G35-1-00 (Single Screw Pump)			
6.	Required Quantity	S.No	Part Number	Description	Quantity
		1.	G35-1-03	Stator	01
		2.	G35-1-04	Rotor	01
7.	Justification	Repair of above mentioned items is required for Daily Use Bilge Pump			
8.	Detailed scope of work	Repair/ replacement of following parts: a. Stator (G35-1-03) b. Rotor (G35-1-04)			
9.	Technical specifications	As per OEM specifications/ Manual			
10.	Eligibility Criteria	Reputable local/ international contractor having working experience with PMSA.			
11.	EDC	15 Days after award of contract			
12.	Warranty	OEM specified. <i>of year of</i>			
13.	Acceptance Criteria (if any)	a. OEM Certified item b. Technical specifications should be mentioned c. Discharge pressure 0.3 MPA d. Flow Rate 3.7 m ³ /Hr e. Upon scrutiny of items and provided documents along with production certificate by OEM f. HATs			
14.	Any other relevant information	Contact MEO (0336-2490044)			

IT NO : IT/80/06/2023-24

**IT SPECIFICATION FOR PROCUREMENT OF LIFE BUOY MARKER BATTERIES -
PMSS RAFAQAT**

S NO	IT SPECIFICATIONS	
1	System	Life Saving Equipment
2	Sub System	Life Buoy Marker Batteries
3	Description	Life Buoy Marker
4	Brand	Duracell (PC 915 6V)
5	Out put Voltage	06 Volt (Alkaline Battery)
6	Quantity	04
7	Eligibility	The firm should be NTN/GST registered
8	EOO	07 Days
9	Warranty	03 Years
10	Acceptance Criteria	Accepted by Ship Staff



IT NO : IT/80/07/2023-24

**IT SPECIFICATION – PURCHASE OF STORE FOR SECURITY WALL AND ROOMS-
PMSA BASE ORMARA**

S NO	Ship's Name	Pakistan Maritime Security Agency (PMSA)
a.	Parent Equipment	Repair Maintenance Store Items
b.	Sub Equipment	-
c.	Assembly Equipment	N/A
d.	Make	SR Cement
e.	Model	N/A
f.	Quantity	- 50,000 SR Cement Blocks (12 x 8 x 6 inches) - 700 SR cement bags - 19 x Sand Dumpers (08 x Sankra) - 06 x Crush Dumpers (08 x Sankra)
g.	Justification	Items required for construction 10 feet wall
h.	Detailed Scope of Work (Req from Repair Agency)	- Provision of stores at ORMARA (Ware House) - Transportation included
j.	Technical specs (if any)	N/A
k.	EDC	06 x weeks
l.	Acceptance criteria (if any)	Satisfactory inspection may be carried out by firm before quotation for exact cost estimation.
m.	Any other relevant information	Onsite inspection may be carried out by firm before quotation for exact cost estimation.

**IT SPECIFICATION - PURCHASE OF STORES FOR MAKING OF PREFABRICATED WALL –
PMSA BASE PASNI**

S No	FULL DESCRIPTION	DENO	QTY			
a)	Parent Equipment					
b)	Sub Equipment	Prefabricated wall				
c)	Assembly Equipment	-				
d)	Make	SR Cement				
e)	Model	N/A				
f)	Quantity	-	S.NO	Description	Den	Qty
			1)	SR Cement Slabs (8 x 1 ft)	Nos	1000
			2)	SR Cement Pre-stressed columns(13 ft x 6 x7 inch,pre-stressed	Nos	80
			3)	Barbed wire (PVC coated)	Ft	3000
			4)	Iron angle PVC Coated (14 guage)	Nos	70
g)	Justification	Items required for construction of 10 ft parametric wall with 02 x feet barbed wire (04 layers)				
h)	Detailed Scope of Work (Req from Repair Agency)	Provision of stores at PASNI (Warehouse) Transportation included				
j)	Technical Specs (if any)	N/A				
k)	EDC	02 weeks				
m)	Acceptance criteria (if any)	Satisfactory inspection may be carried out by firm before quotation for exact cost estimation.				
n)	Any other relevant information	Onsite inspection may be carried out by firm before quotation for exact cost estimation.				

**IT SPECIFICATIONS – REPAIR WESTERN WALL (967 X 02= 1934)
AT PMSA BASE RISHAD PASNI**

S No	Specification	Remarks									
1.	System/ Description	Western wall plaster									
2.	Make	As per contract									
3.	Detailed scope of work	<table border="1"> <thead> <tr> <th>S No</th> <th>Description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>Cement</td> <td>50 bags</td> </tr> <tr> <td>c.</td> <td>Sand khaka</td> <td>04 dampers</td> </tr> </tbody> </table>	S No	Description	Qty	a.	Cement	50 bags	c.	Sand khaka	04 dampers
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a.	Cement	50 bags									
c.	Sand khaka	04 dampers									
4.	Acceptance Criteria	Fresh material									
5.	Eligibility	Registered firm/ contractor with PMSA									
6.	EDC	10 Days									
7.	Warranty	02 Years									
8.	Term of payment	100% payment on completion of work and satisfactorily by base staff									
9.	Any other relevant information	Western wall plaster work required at PMSA Base RISHAD Pasni.									

IT SPECIFICATIONS – REBUILDING OF ROOF OF SAILOR,s WASHROOM (29.6 x 13.6 =402.56 SQR FEET) AT PMSA BASE RISHAD PASNI

S No	Specification	Remarks															
1.	System/ Description	Sailors washrooms roof															
2.	Make	As per contract															
3.	Detailed scope of work	<table border="1"> <thead> <tr> <th>S No</th> <th>Description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Cement</td> <td>80 bags</td> </tr> <tr> <td>2.</td> <td>Sand khaka</td> <td>04 dampers</td> </tr> <tr> <td>3.</td> <td>Steels bars</td> <td>0.5 Ton</td> </tr> <tr> <td>4.</td> <td>Crush bajri</td> <td>02 dampers</td> </tr> </tbody> </table>	S No	Description	Qty	1.	Cement	80 bags	2.	Sand khaka	04 dampers	3.	Steels bars	0.5 Ton	4.	Crush bajri	02 dampers
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2.	Sand khaka	04 dampers															
3.	Steels bars	0.5 Ton															
4.	Crush bajri	02 dampers															
4.	Length of washroom	29.6 Feet															
5.	Width of washroom	13.6 Feet															
6.	Acceptance Criteria	Fresh material															
7.	Eligibility	Registered firm/ contractor with PMSA															
8.	EDC	14 Days															
9.	Warranty	02 Years															
10.	Term of payment	100% payment on completion of work and satisfactorily by base staff															
11.	Any other relevant information	Construction work required at PMSA Base RISHAD Pasni.															

**IT SPECIFICATIONS – PURCHASING OF MISC ITEMS OF BOAT RAMP
AT PMSA BASE RISHAD PASNI**

S No	Specification	Remarks									
1.	System/ Description	Boat Ramp									
2.	Make	As per contract									
3.	Detailed scope of work	<table border="1"> <thead> <tr> <th>S No</th> <th>Description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>Cement</td> <td>450</td> </tr> <tr> <td>c.</td> <td>Concrete Block</td> <td>4000 Block</td> </tr> </tbody> </table>	S No	Description	Qty	a.	Cement	450	c.	Concrete Block	4000 Block
S No	Description	Qty									
a.	Cement	450									
c.	Concrete Block	4000 Block									
4.	Length of Ramp	170 m									
5.	Width of Ramp	08ft									
6.	Acceptance Criteria	Fresh material									
7.	Eligibility	Registered firm/ contractor with PMSA									
8.	EDC	40 Days									
9.	Warranty	02 Years									
10.	Term of payment	100% payment on completion of work and satisfactorily by base staff									
11.	Any other relevant information	Boat ramp construction required at PMSA Base RISHAD Pasni.									

IT SPECIFICATION OF PURCHASE MATERIAL - BMG AT KoFHA

S NO	Ship's Name	Base Maintenance Group (BMG)
1.	Parent Equipment	Boat shed /construction of boundary wall
2.	Make	Local
3.	Qty	i. 92 x Fiber Sheets (4mm thickness, 10 x 5 feet each) iii. Cement Block 5" 17,600 iv. SR Cement Bag 270 v. Sand Damper 05 (800 sacra)
4.	Justification	Repair/ Maintenance work
5.	Work required	i. Old rusted iron sheets need to be replaced with 4mm fiber sheets ii. Removal of old metal sheets iii. Raising of boundary wall
6.	Technical specification	Mentioned above (S No 3)
7.	Eligibility criteria	i. The firm should visit site and carry out inspecting 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.
8.	EDC	01 x month
9.	Warranty	01 x year
10.	Acceptance criteria	02 Weeks
11.	Acceptance criteria (if any)	As per technical specification
12.	Any other relevant information	

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**IT SPECIFICATION FOR PROCUREMENT OF SWITCHING POWER SUPPLY
MODULE OF GENERAL CHARGING & DISCHARGING PANEL – PMSS ZHOB**

S.No.	Description				
1.	Parent Equipment	General Charging & Discharging Panel			
2.	Sub equipment	Switching Power Supply Module			
3.	Assembly equipment				
4.	Make	Zhejiang Yonghong Electrical Appliance Co., Ltd	5.	Model	JKC-B-1 Part No: 3Φ 380V/20-32VDC (70A) NSN No: 6150PV1020011
6.	Quantity	01	7.	Justification i.e PMS/Failure/FWT	Failure
8.	Work required	Procurement of 01 x switching power supply module of general charging & discharging panel			
9.	Detailed scope of work	a. Procurement of above mentioned module through OEM b. Satisfactory trials onboard ship			
10.	Technical specs	As per OEM Manual/ Specs			
11.	Eligibility criteria	Suitable contractor having working experience on Electronics/Electrical equipment with PMSA			
12.	EDD	15 days			
13.	Warranty	01 year in service warranty after completion of successful test/ trials			
14.	Acceptance criteria	a. OEM Certified Item. b. Items will be accepted after satisfactory test/ trials onboard. c. Onboard Installation is responsibility of Firm and any growth work, if occurs is responsibility of firm. d. OEM technical documents/ warranty certificate of items required. e. Upon scrutiny of items and provided documents f. Items must be genuine and OEM packed. Aftermarket products and loose items will not be accepted. g. Certified spares to be used for avoiding damage to system and ship			
5.	Any other information	a. Firm must visit onboard for clarification of any query and better understanding of requirement before quoting. b. Any growth work due workmanship of firm will be firm responsibility.			

IT NO : IT/80/10/2023-24

IT SPECIFICATION COMMERCIAL REPAIR CASE - WATER BOWSER 170326-MS

1.	SYSTEM	COMMERCIAL REPAIR OF WATER BOWSER	
2.	MAKE	ISUZU	
3.	ITEM DESCRIPTION	S No	Work Description
		a.	Following items will be replaced: i. Clutch, Brake and Gear oil Following items will be repair/ serviced: i. Engine Service ii. Silencer Welding & Paint iii. Horn iv. Indicators v. Oiling and Greasing vi. Water Pump vii. Denting & Panting viii. Epoxy Paint required inside Water Tank
4.	TECHNICAL SPECIFICATION	MATERIAL AS PER EXITING	
5.	PRELIMINARY INVESTIGATION BY SHIP'S STAFF	D(MT) / MTO STAFF	
6.	ELIGIBILITY	REGISTERED CONTRACTOR	
7.	EDD	30 DAYS	
8.	WARRANTY	06 MONTH FOR ALL REPLACED ITEMS	
9.	ACCEPTANCE CRITERIA	STAGE INSPECTION BY END USER	
10.	ANY OTHER RELEVANT INFORMATION	NA	

IT NO : IT/80/11/2023-24

**IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF SMOKE CURTAIN-
PMSS NUSRAT**

S NO	IT SPECIFICATION	
1.	Parent Equipment	DC & FF Equipment
2.	Sub Equipment	Smoke Curtain
3.	Assembly component	N/A
4.	Make	Suzhu Weidum Composite Fabric Co. Ltd (CHINA).
5.	Model	N/A
6.	Qty	02 ROLL
7.	Justification i.e PMS/failure/ FWT etc	Items are short against Revised DC&FF allowance.
8.	Work Required/ Defect	Need to be procurement.
9.	Detailed Scope of work	Scope of work is as under: a. Supply and installation of Smoke Curtain as per IT Specs. b. Size of Smoke Curtain 7x3 feet. c. Any other work required to ensure good quality. d. All spares, tools, special equipment/ tools, accessories for installation of Smoke Curtain are to be arranged by the firm.
10.	Technical spec	Silver Grey Silicone Coating To Both Sides 1.50MM X 50M = 75SQM PER ROLL @ 555G/SQM
11.	Eligibility Criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12.	EDC	10 Working Days from the date of award of LPO/Contract.
13.	Warranty	01 Year from the date of receipt of item.
14.	Acceptance Criteria	Satisfactory on uses bases.
15.	Any other relevant Information	Nil.

**IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF SMOKE BOUNDARY
LAMP-PMSS NUSRAT**

S NO	IT SPECIFICATION	
1.	Parent Equipment	DC & FF Equipment
2.	Sub Equipment	Smoke Boundary Lamp
3.	Assembly Component	N/A
4.	Make	USA
5.	Model	N/A
6.	Qty	02 in No
7.	Justification i.e PMS/failure/ FWT etc	Items are short against Revised DC&FF allowance.
8.	Work Required/ Defect	Need to be procurement.
9.	Detailed Scope of work	Provision of good quality of lights as per IT specification.-
10.	Technical spec	I. High Intensity LED with low polycarbonate dome and high brightness LED. II. No external flasher required. III. Bottom with one big round magnet
11.	Eligibility criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12.	EDC	10 Working Days from the date of award of LPO/Contract.
13.	Warranty	01 Year from the date of receipt of item.
14.	Acceptance criteria	Satisfactory on uses bases.
15.	Any other relevant information	Nil.

IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF FIRE HELMET
PMSS NUSRAT

S NO	IT SPECIFICATION	
1	Parent Equipment	DC & FF Equipment
2	Sub Equipment	Fire Helmet Heros H-30 High Visibility
3	Assembly Component	N/A
4	Make	HEROS H-30 (UK)
5	Model	Heros H-30
6	Qty	02 in No
7	Justification i.e PMS/failure/ FWT etc	Items are short against Revised DC&FF allowance.
8	Work required/ Defect	Need to be procurement.
9	Detailed Scope of work	Provision of good quality of Helmets as per IT specification.-
10	Technical Spec	i. Maximum protection ii. Minimum weight approx. 1.23 Kg iii. Best Visibility though rear position light. iv. Optimized center of gravity and best wearing comfort.
11	Eligibility Criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12	EDC	10 Working Days from the date of award of LPO/Contract.
13	Warranty	01 Year from the date of receipt of item.
14	Acceptance Criteria	Satisfactory on uses bases.
15	Any other relevant information	Nil

IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF SURCOAT YELLOW -
PMSS NUSRAT

S NO	IT SPECIFICATION	
1	Parent Equipment	DC & FF Equipment
2	Sub Equipment	Surcoat Yellow With White Strap
3	Assembly Component	N/A
4	Make	PAKISTAN
5	Model	N/A
6	Qty	01 in No
7	Justification i.e PMS/failure/ FWT etc	Item is short against Revised DC&FF allowance.
8	Work Required/ Defect	Need to be procurement.
9	Detailed Scope of work	a. Cotton cloth/ Nomax material and stitching work of Surcoat required as per sample. b. Size of surcoat 32-40 inch.
10	Technical Spec	Cotton / Nomax Material
11	Eligibility Criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12	EDC	10 Working Days from the date of award of LPO/Contract.
13	WARRANTY	01 Year from the date of receipt of item.
14	Acceptance Criteria	Satisfactory on uses bases.
15	Any other relevant information	Nil.

**IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF RUBBAR PAD -
PMSS NUSRAT**

S NO	IT SPECIFICATION	
1	Parent Equipment	DC & FF Equipment
2	Sub Equipment	RUBBER PAD 0109-4
3	Assembly Component	N/A
4	Make	Zhengzhou Electromechanical Engineering Research Institute, CHINA
5	Model	N/A
6	Qty	06 in No
7	Justification i.e PMS/failure/ FWT etc	Items are short against Revised DC&FF allowance.
8	Work Required/ Defect	Need to be procurement.
9	Detailed Scope of work	Provision of item as per IT Spec.
10	Technical Spec	Nonmetallic Fabricated Materials
11	Eligibility Criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12	EDC	10 Working Days from the date of award of LPO/Contract.
13	Warranty	01 Year from the date of receipt of item.
14	Acceptance Criteria	Satisfactory on uses bases.
15	Any other relevant information	Nil.

**IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF WOODEN SHORING
SPAR -
PMSS NUSRAT**

S NO	IT SPECIFICATION	
1	Parent Equipment	DC & FF Equipment
2	Sub Equipment	Wooden Shoring Spar
3	Assembly component	N/A
4	Make	PAKISTAN
5	Model	N/A
6	Qty	04 in No
7	Justification i.e PMS/failure/ FWT etc	Items are short against Revised DC&FF allowance.
8	Work Required/ Defect	Need to be procurement.
9	Detailed Scope of work	Size of wooden shoring spar 06-12 feet and provision of item as per IT Spec.
10	Technical Spec	Wood
11	Eligibility Criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12	EDC	10 Working Days from the date of award of LPO/Contract.
13	Warranty	01 Year from the date of receipt of item.
14	Acceptance Criteria	Satisfactory on uses bases.
15	Any other relevant information	Nil.

**IT SPECIFICATION FOR PROCUREMENT AND SUPPLY OF WOODEN WEDGES -
PMSS NUSRAT**

S NO	IT SPECIFICATION	
1.	Parent Equipment	DC & FF Equipment.
2.	Sub Equipment	Wooden Wedges Pkt OF 100 (NO)
3.	Assembly Component	N/A
4.	Make	PAKISTAN
5.	Model	N.A
6.	Qty	01 Pkt
7.	Justification i.e PMS/failure/ FWT etc	Items are short against Revised DC&FF allowance.
8.	Work Required/ Defect	Need to be procurement.
9.	Detailed Scope of work	Provision of different sizes of wooden wedges of soft wood.
10.	Technical Spec	Metalworking Machinery
11.	Eligibility Criteria	a. The Firmed should have experience for provision of the same type of store. b. The Firmed in PMSA & NTN/GST Registered.
12.	EDC	10 Working Days from the date of award of LPO/Contract.
13.	Warranty	01 Year from the date of receipt of item.
14.	Acceptance Criteria	Satisfactory on uses bases.
15.	Any other relevant information	Nil.

Note: 100% Payment after completion by CNA

Director General

Pakistan Maritime Security Agency

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KARACHI

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INVITATION TO TENDER GENERAL INSTRUCTIONS

1. CONDITIONS GOVERNING CONTRACT:

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

2. SUBMISSION OF TENDER:

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

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

b. **COMMERCIAL OFFER:** The price to be quoted in figures as well as in words along with essential Literature / Brochures. The word "Commercial Offer", tender number should be clearly mentioned on the envelope. Taxes, duties, freight / transportation, insurance charges etc if any are to be indicated separately.

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

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

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

e. **SPECIAL INSTRUCTIONS:** Tender documents and its conditions may please be read point to point and understood properly before quoting. All tender conditions should be responded properly. In case of any deviation due to non-acceptance of tender conditions, the same should be highlighted along with changed offer / conditions. Tender may however be liable to be rejected.

PREPARATION OF QUOTATION

Please prepare quotation in this format In case of GST @ 18% or SST @ 13%:

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

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

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

Without this format quotation will not be accepted.

3. DATE AND TIME FOR RECEIPT OF TENDER:

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

4. TENDER OPENING:

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

5. VALIDITY OFFER:

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

6. QUOTING OF RATES:

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

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

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

8. RETURN OF EARNEST MONEY:

- Earnest money to the unsuccessful bidders will be returned **one week** after commercial opening date.
- 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:

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

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

13. SECURITY DEPOSIT / BANK GUARANTEE:

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

14. CURRENT BANK STATEMENT:

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

15. INTEGRITY PACT:

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

16. CORRESPONDENCE:

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

17. PRE SHIPMENT INSPECTION:

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

18. AMENDMENT IN CONTRACT:

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

19. DISCREPANCY:

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

20. PRICE VARIATION:

Price offered against IT are to be firm and final.

21. LIQUIDATED DAMAGES (LD):

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

22. RISK PURCHASE:

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

23. PENALTY:

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

24. ALL RIGHTS RESERVED:

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

25. PAYMENT:

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

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

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

- a. Received after time and date specified in the IT.
- b. Offers are found conditional or incomplete in any respect.

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