

**SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 08 x IT SPECIFICATIONS**

**IT NO : IT/90/01/2023-24**

**REVISED IT SPECIFICATIONS - REPAIR OF FIN STABILIZERS**

1.	Parent Equipment	Fin Stabilizers
2.	Sub Equipment	Control and Hydraulic System
3.	Assembly Component	Control system circuit and Hydraulic RAMs ,Relief Valves and valve block
4.	Make	Shanghai Hunter Marine Equipment Institution
5.	Model	JQB-4-240
6.	Quantity	02
7.	Justification i.e PMS/ Failure/ FWT etc	Performance of Stabilizer observed degraded
8.	Work Required/ Defect	Inspection, defect diagnosis and repair of Control system circuit, Hydraulic RAMs, Relief Valves and valve block
9.	Detailed scope of work	(i). Defect Diagnosis and rectification/ repair of control system circuit (ii). Dismantling and installation Hydraulic RAMs, Relief Valves and valve block (iii). Repair/Replacement and pressure testing of Hydraulic RAMs, Relief Valves and valve block (iv). Replacement/ Provision of Hydraulic oil 210 Ltrs (v). Trials at Harbor and Sea
10.	Technical specs	As Per Technical manual available onboard ship
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 Knowledge and experience of repair/ maintenance of Fin Stabilizers (v) Preferably Authorized local Rep of OEM
12.	EDC/ EDD	15 Days after award of contract
13.	Warranty	1 Year
14.	Acceptance Criteria	(i). Satisfactory installation of all requisite parts after repair/ replacement (ii). STW and Satisfactory trials at Harbor and Sea for 02 months at least (iii). Leakages to be rectified if any found after repair work
15.	Any Other Relevant Information	SS Contact 0333-7766789

**IT NO : IT/90/02/2023-24**

**IT SPECIFICATOIN FOR PROTECTIVE TROUSER AND JACKETS FIRE MAX 3 –  
PMSS BARKAT**

1.	Ship's Name	PMSS BARKAT
2.	Parent equipment	DC&FF
3.	Sub Equipment	Firefighting
4.	Assy/ Components	Fear Naught Suit
5.	Make	Item Part No 141200, 141201
6.	Model	Fire MAX 3 – Rosenbauer
7.	Quantity	04
8.	Justification i. e PMS/ Faliure/ FWT etc	Fear Naught Suits have been declared BER by PNCFB. Approval for the survey has also been accorded vide HQ PMSA letter 400/DNS/APPR/149 dated 12 Jul 23.
9.	Work Required/ Defect	Procurement of 04 x Fear Naught Suits.
10.	Technical specification	Color: Dark Blue, Shelf Life: 15 Years, Temp Resistance: 900 °C Fluorescent strip, Standard: EN 469:2020
11.	Detailed Scope of work	Following work is required to be undertaken for requirement of Fear Naught Suit: a. 04 x Fear Naught Suit are required to be replaced with new one b. Provision of Fear Naught Suit be made according to the international standard (UK). c. Shelf Life 15 Years
12.	Eligibility Criteria	a. Income tax registered. b. Sales tax registered. c. Firm is required to visit onboard ship.
13.	EDD	15 Working days
14.	Warranty	01 Year after provision of Fear Naught Suit
15.	Acceptance criteria	Color: Dark Blue, Shelf Life: 15 Year, Temp Resistance 900 °C, Fluorescent strip, Standard: EN 469:2020 Physical inspection and suitable wearing by end user
16.	Any other relevant information	-

**IT NO : IT/90/03/2023-24**

**SPECIFICATIONS/ TERMS FOR SUPPLY OF FRESH WATER TO HQ PMSA COMPLEX**

S No	Description	Requirement
1.	Mode of provision	Supply of fresh Drinking Water through bowser to PMSA Shore units/ ships at Karachi ✓
2.	Qty	As per requirement ✓
3.	Embarkation Frequency	As and when required. Contractor is to supply water within 04 hrs of receipt of order. ✓
4.	Any other information	<ul style="list-style-type: none"><li>• Fitness certificate for Human consumption from a Govt recognized lab for the supplied water.</li><li>• Provision of approx. 60 meter pipe/ flexible hose for supplying water on ships along with suitable water pump. ✓</li><li>• Police Verification of the staff employed on duties is mandatory. ✓</li></ul>
5.	Contract Duration	01 Year(Extendable) ✓
6.	Payment Terms	Payment released through CNA after verification by End user and sanctioning of payment by HQ PMSA ✓

PROCUREMENT AND APPLICATION OF ANTISKID PAINT ON QUARTERDECK  
AND FOX'L – PMSS DASHT

S. No	Description	
1.	Parent Equipment	Quarterdeck & Fox'l ✓
2.	Sub Equipment	Anti-skid paint ✓
3.	Assembly component	NA
4.	Make	CSTS ✓
5.	Model	NA
6.	Qty	NA
7.	Justification	Anti-skid paint on Quarterdeck & Fox'l observed degraded
8.	Work required/ Defect	Procurement and application of anti-skid paint on Quarterdeck (1421 Sq feet) and Fox'l (1042 Sq feet). Total area 2463 Sq feet.
9.	Detail Scope of Work	a. Removal of previously applied paint by shipping/ scrapping b. Grit blasting using mixture of copper slag and silica (I.I) c. Application of gp-3 primer (03 coats) d. Detergent de-greasing e. Solvent de-greasing f. Application of grey epoxy base coat g. Sprinkling of anti-skid grain h. Application of dark grey epoxy top coat (02 coats)
10.	Technical specs (if any)	As per OEM Manual/ Specs ✓
11.	Eligibilities	Reputable local contractor having experience of provision/ application of anti-skid paint.
12.	EDC	02 Weeks
13.	Warranty	2 years
14.	Acceptance criteria (if any)	a. Visual inspection alongwith provision of documentation/ certificates b. Shelf life of 01 year
15.	Any other relevant information	Nil

**IT SPECIFICATION FOR PROCUREMENT AND APPLICATION OF FIRE RETARDANT PAINT IN AIRCRAFT PARKING HANGAR- 93 PMSA SQUADRON**

1.	Ship's Name	93 PMSA Squadron
2.	Parent Equipment	Defender Aircraft Parking Hangar
3.	Sub Equipment	N/A
4.	Assembly Equipment	N/A
5.	Make	Epoxy Hard Coat "Cure hard" (Nippon/ Berger)
6.	Origin	Local
7.	Quantity	As required for Approx. 9000 Sq Feet Area
8.	Justification	(Procurement/ application of fire retardant paint is required in Defender parking hangar to ensure prevention from dust and ground safety /
9.	Material Description (where applicable)	Thinner, Primer & Epoxy Polyamide paint (Greyish Colour) 2mm
10.	Detailed Scope Of Work (Required from Repair Agency)	Procurement and application of fire retardant paint in parking hangar (approx. 9000 Sq Feet)
11.	Technical Spaces (If any)	--
12.	Eligibilities	Paint to be procured in new condition from any firm registered with PMSA and proper application to be ensured.
13.	EDD	02 weeks after award of contract
14.	Warranty	01 Year
15.	Acceptance Criteria (if any)	a. Provided item must be within 4-6 weeks from the date of manufacture  b. Proper surface treatment/ preparation and application of paint to be ensured.
16.	Any Other Relevant Information	Epoxy Hard Coat "Cure hard" (Nippon/ Berger) A dark grey coloured epoxy polyamide high solid based two components coating, this upon curing yields a tough very high penetration and abrasion resistant water and oil proof coating.

**IT SPECIFICATIONS – PROCUREMENT OF ACCESSORIES/ SPARES FOR CATERPILLAR C-9 MAIN ENGINES INSTALLED ONBOARD FRB 151**

1.	Ships Name	FRB 151				
2.	Parent equipment	Caterpillar C-9 main engines (S No Stbd X9Y00358 & Port X9Y00351)				
3.	Sub equipment	Intake/ exhaust and cooling system				
4.	Assembly component	As mentioned below (S No 11)				
5.	Make	Caterpillar, USA				
6.	Model	C-9, USA				
7.	Quantity	As mentioned below (S No 11)				
8.	Justification/ i.e PMS/ Failure/ FWT etc	Performance of installed C-9 Main engines degraded due old vintage/ FWT of associated accessories/ spares. Procurement considered essential for optimum performance of main engines.				
9.	Work required/ Defect	Procurement of accessories/ spares for C-9 main engines as per attach list				
10.	Detailed scope of work	Procurement of accessories/ spares for C-9 main engines as per attach list				
11.	Technical Specs	S No	Part number	Description	Make/ Origin	Qty Recommended for procurement
		a.	197-5988 192-2134	HEAT EXCHANGER	Caterpillar, USA	02
		b.	197-5991 1063-012	AFTER COOLER	----//----	02
		c.	227-4301	WATER PUMP	----//----	02
		d.	197-5993 245-3777	AUXILIARY WATER PUMP	----//----	02
		e.	308-9314	AIR CLEANER ELEMENT (AIR FILTERS)	----//----	02
		f.	188-3826	COOLER ENGINE OIL	----//----	02
		g.	267-8925 242-3580 197-5986	TURBO CHARGER	----//----	02
		h.	10R-1984	ENGINE OIL PUMP (SUMP)	----//----	02
		j.	1361-015	WATER BODY PUMP	----//----	02
		k.	197-5989 192-3534	COOLER AS OIL GEAR	----//----	02
12.	Eligibility criteria	Any local/ international firm having experience of supplying Caterpillar (C-9) engines original accessories/ spares				
13.	EDD	30 days				
14.	Warranty	01 year after installation onboard				
	Acceptance Criteria	Inspection by end user and successful onboard trials after installation				
16.	Any other relevant information	<ul style="list-style-type: none"> <li>➤ Procurement of standard/USA origin parts for C-9 engines may be ensured by contracted firm.</li> <li>➤ Provision of shipment documents or COC by contracted firm.</li> </ul>				

**ITEM SPECIFICATIONS OF SAMSUNG LED 40"HWITH STAND**

S No	Specification	Remarks
1.	Parent Equipment	SAMSUNG LED 40" with stand
2.	Sub System	--
3.	Assembly Component	--
4.	Make	Samsung (Malaysia )
5.	Model	AU7000
6.	Quantity	03
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	FWT
8.	Work Required/ Defect.	
9.	Work Description	Multisystem Compatible 4K UHD 3840 X 216 LED Panel HDR10, HDR10+, HDR10+ HLG Support Motion Xcelerator Technology built in WIFI & Ethernet Connectivity screen Mirroring Technology 3 x HDMI/ 1 x USB Dolby Digital Plus.
10.	Technical spes	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation Required

**ITEM SPECIFICATIONS HIKVISION 2MP 4K NVR 8 CHENNEL**

S No	Specification	Remarks
1.	Parent Equipment	HIKVISION 2mp 4k NVR 8 channel
2.	Sub System	--
3.	Assembly Component	--
4.	Make	HIKVISION
5.	Model	DS-7608NI-Q1
6.	Quantity	03
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect.	
9.	Work Description	Up to 80-ch IP cameras input H.265+/H.264+/H.264 video formats Up to 1- ch@8 MP/3 ch@4MP/6-ch@1080p decoding Up to 80 Mbps incoming bandwidth
10.	Technical spes	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	In case of any query, contact EXO PMSS INDUS 021-48505455

**ITEM SPECIFICATIONS FOR FIBER CONVERTER**

S No	Specification	Remarks
1.	Parent Equipment	Fiber converter
2.	Sub System	--
3.	Assembly Component	--
4.	Make	Made in CHINA
5.	Model	No Model
6.	Quantity	03
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	FWT
8.	Work Required/ Defect.	
9.	Work Description	Power consumption 2.5 W (input DC 5V 1000 MA) Rated power supply AC 90-260 V/50 HZ Automatically compatible for PAL, NTSC, SECAM video mode 02 KM distance transmission Video band with 10 MHZ Size 150 X 190 X 30mm (L x W x H)
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation Required

**ITEM SPECIFICATIONS OF HARD DRIVE 1TB**

S No	Specification	Remarks
1.	Parent Equipment	Hard Drive 1TB
2.	Sub System	
3.	Assembly Component	--
4.	Make	CHINA
5.	Model	Made in CHINA
6.	Quantity	03
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	FWT
8.	Work Required/ Defect.	
9.	Work Description	High Quality 1TB hard drive 2.5 Inch Temp 32 F 158 F / 0 Degree 7 Degree Quickness, stabilization, energy saving, Mute, Light weight Sequential Reads/Writes Up to 550 MB/s
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	In case of any query, contact EXO PMSS INDUS 021-48505455

**ITEM SPECIFICATIONS OF FIBER SPLICING**

S No	Specification	Remarks
1.	Parent Equipment	Fiber Splicing
2.	Sub System	--
3.	Assembly Component	--
4.	Make	China
5.	Model	Made in China
6.	Quantity	06
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect.	
9.	Work Description	High quality
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation Required

**ITEM SPECIFICATIONS OF POE SWITCH 5-PORT GIGABIT**

S No	Specification	Remarks
1.	Parent Equipment	POE SWITCH 5-PORT GIGABIT
2.	Sub System	--
3.	Assembly Component	--
4.	Make	China
5.	Model	Made in China
6.	Quantity	01
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect.	
9.	Work Description	UP TO 300 LONG RANGE transmission PACKET FORWARDING RATE 14.88 MPPS SWITCHING CAPACITY 20 GBPS INTERNAL CACHE 1.5 Mbites MCA Address Table 4k Port for long distance transmission Port 7 & 8 Port type full dulex Forwarding mode store & forward switch
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation Required



### ITEM SPECIFICATIONS OF IT RACK

S No	Specification	Remarks
1.	Parent Equipment	IT RACK
2.	Sub System	--
3.	Assembly Component	--
4.	Make	PAKISTAN
5.	Model	
6.	Quantity	01
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect	
9.	Work Description	As per requirement
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	In case of any query, contact EXO PMSS INDUS 021-48505455

### ITEM SPECIFICATIONS OF RG 6 COPPER WIRE

S No	Specification	Remarks
1.	Parent Equipment	RG 6 Copper Wire
2.	Sub System	--
3.	Assembly Component	--
4.	Make	Continental
5.	Model	Continental
6.	Quantity	13000 ft
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect	
9.	Work Description	Length 13000 ft High quality
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation required.

**ITEM SPECIFICATIONS OF MILLION 3/29 ELECTRIC WIRING WITH LABOR AND MATERIEL**

S No	Specification	Remarks
1.	Parent Equipment	Million 3/29 Electric Wiring with labor and materiel
2.	Sub System	--
3.	Assembly Component	--
4.	Make	Pakistan
5.	Model	Pakistan
6.	Quantity	5000 ft
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect.	
9.	Work Description	General Wiring Cable Cable Size 03/29 Material PVC + Copper Voltage Rating 180V 240VAC Coil Length 90 Metter Color Black Brand Million Supreme
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation required.

**ITEM SPECIFICATIONS OF BNC CONNECTOR**

S No	Specification	Remarks
1.	Parent Equipment	BNC Connector
2.	Sub System	--
3.	Assembly Component	--
4.	Make	China
5.	Model	
6.	Quantity	125
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect.	
9.	Work Description	High quality
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation required

## ITEM SPECIFICATIONS OF HDMI CABLE 5M

S No	Specification	Remarks
1.	Parent Equipment	HDMI CABLE 5M
2.	Sub System	--
3.	Assembly Component	--
4.	Make	China
5.	Model	Made in China
6.	Quantity	03
7.	Justification i.e PMS/ failure/ Defect/ FMT etc.	
8.	Work Required/ Defect.	
9.	Work Description	Length 05 meter Support for 4k X 2k Resolution 30HZ 4096 X 2160 Pixels
10.	Technical spces	
11.	Eligibilities	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.
12.	EDC	15 x working days Days
13.	Warranty	01 Year after acceptance of repair work
14.	Acceptance Criteria	Inspection by end user
15.	Any other relevant information	Installation required

**REVISED IT SPECIFICATION OF KNEE AND ELBOW PADS**

<b>S. No</b>	<b>Specification</b>	<b>Remarks</b>															
1.	Description	Knee & Elbow pads HX -01 Black (Each)															
2.	Quantity Required	<table border="1"><thead><tr><th><b>S.No</b></th><th><b>Description</b></th><th><b>Qty</b></th></tr></thead><tbody><tr><td>a.</td><td>Ormara</td><td>05</td></tr><tr><td>b.</td><td>Rishad</td><td>06</td></tr><tr><td>c.</td><td>Gawadar</td><td>10</td></tr><tr><td></td><td><b>Total</b></td><td><b>21</b></td></tr></tbody></table>	<b>S.No</b>	<b>Description</b>	<b>Qty</b>	a.	Ormara	05	b.	Rishad	06	c.	Gawadar	10		<b>Total</b>	<b>21</b>
<b>S.No</b>	<b>Description</b>	<b>Qty</b>															
a.	Ormara	05															
b.	Rishad	06															
c.	Gawadar	10															
	<b>Total</b>	<b>21</b>															
3.	Material	TPO + 600D OXFORD Fabric															
4.	Knee Pads Size	18.7 x 0.8 x 16 cm /241g															
5.	Elbow Pads Size	16.5 x 0.7 x 14 cm /165.1g															
6.	EDD	01 week after awarding of contract															
7.	Acceptance Criteria	Inspection by end user															
8.	Warranty	01 Year															
9.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor Items is required at PMSA BASE ORMARA, PMSA BASE RISHAD (PASNI) and PMSA BASE GWADAR															

**REVISED IT SPECIFICATION OF BULLET PROOF HELMET**

<b>S. No</b>	<b>Specification</b>	<b>Remarks</b>															
1.	Description	Bullet proof Helment															
2.	Quantity Required	<table border="1"><thead><tr><th><b>S.No</b></th><th><b>Description</b></th><th><b>Qty</b></th></tr></thead><tbody><tr><td>a.</td><td>Ormara</td><td>10</td></tr><tr><td>b.</td><td>Rishad</td><td>10</td></tr><tr><td>c.</td><td>Gawadar</td><td>10</td></tr><tr><td></td><td><b>Total</b></td><td><b>30</b></td></tr></tbody></table>	<b>S.No</b>	<b>Description</b>	<b>Qty</b>	a.	Ormara	10	b.	Rishad	10	c.	Gawadar	10		<b>Total</b>	<b>30</b>
<b>S.No</b>	<b>Description</b>	<b>Qty</b>															
a.	Ormara	10															
b.	Rishad	10															
c.	Gawadar	10															
	<b>Total</b>	<b>30</b>															
3.	Level	NIJ III Resist 7.62 mm & 308 Caliber Ammunition															
4.	Material	Kevlar, cetramic or titanium															
5.	EDC	01 week after awarding of contract															
6.	Acceptance Criteria	Inspection by end user															
7.	Warranty	01 year															
8.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor Items is required at PMSA BASE ORMARA, PMSA BASE RISHAD (PASNI) and PMSA BASE GWADAR															

**REVISED IT SPECIFICATION OF BULLET PROOF JACKET**

S. No	Specification	Remarks															
1.	Description	Bullet proof jacket NIJ Level III															
2.	Quantity Required	<table border="1"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>Ormara</td> <td>07</td> </tr> <tr> <td>b.</td> <td>Rishad</td> <td>10</td> </tr> <tr> <td>c.</td> <td>Gawadar</td> <td>10</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>27</b></td> </tr> </tbody> </table>	S.No	Description	Qty	a.	Ormara	07	b.	Rishad	10	c.	Gawadar	10		<b>Total</b>	<b>27</b>
S.No	Description	Qty															
a.	Ormara	07															
b.	Rishad	10															
c.	Gawadar	10															
	<b>Total</b>	<b>27</b>															
3.	Protective Level	NIJ III Resist 7.62 mm & 308 Caliber Ammunition															
4.	Out Cover Material	Kevlar, Dyneema or Ceramic plates															
5.	Plate Thickness	205-3.8 cm															
6.	Protective Area	0.28 <sup>2</sup> (size L)															
7.	Size cm	54 (length ) 55 (width)															
8.	Waist Length Extend	103 cm															
9.	Jacket Weight	410g															
10.	Total Weight	2.7 Kg															
11.	EDC	01 week after awarding of contract															
12.	Warranty	01 year															
13.	Acceptance Criteria	Inspection by end user															
14.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor Items is required at PMSA BASE ORMARA, PMSA BASE RISHAD (PASNI) AND PMSA BASE GWADAR															

**REVISED IT SPECIFICATION OF TACTICAL GLOVES**

S. No	Specification	Remarks															
1.	Description	Tactical Gloves															
2.	Quantity Required	<table border="1"> <thead> <tr> <th>S.No</th> <th>Description</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>a.</td> <td>Ormara</td> <td>05</td> </tr> <tr> <td>b.</td> <td>Rishad</td> <td>06</td> </tr> <tr> <td>c.</td> <td>Gawadar</td> <td>10</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>21</b></td> </tr> </tbody> </table>	S.No	Description	Qty	a.	Ormara	05	b.	Rishad	06	c.	Gawadar	10		<b>Total</b>	<b>21</b>
S.No	Description	Qty															
a.	Ormara	05															
b.	Rishad	06															
c.	Gawadar	10															
	<b>Total</b>	<b>21</b>															
3.	Material	Kevlar anti cutting material + silica gel anti slip material + elastic fibers															
4.	Weight	109.50g															
5.	Velcro Size	35.00 x 3.00 x 0.12 cm															
6.	Gloves thickness	0.34 cm															
7.	Wirst perimeter	10.10 cm															
8.	Wirst thickness	0.23 cm															
9.	Finger width	11.5 cm															
10.	Finger thickness	0.20 cm															
11.	Gloves length	23.9 cm															
12.	EDD	01 week after awarding of contract															
13.	Warranty	01 year															
14.	Acceptance Criteria	Inspection by end user															
15.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor Items is required at PMSA BASE ORMARA, PMSA BASE RISHAD (PASNI) AND PMSA BASE GWADAR															

### IT SPECIFICATIONS OF BULLET PROOF JACKET

S NO	SPECIFICATION	REMARKS				
1.	Description	Bullet Proof Jacket NIJ level III				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>09</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	09
UNIT	Quantity					
KOLACHI	09					
3.	Protective Level	NIJ III Resist 7.62 mm & .308 Caliber Ammunition				
4.	Out Cover Material	Kevlar, Dyneema or Ceramic plates				
5.	Plates Thickness	2.5-3.8 cm				
6.	Protective Area	0.28 <sup>2</sup> (size L)				
7.	Size cm	54(length) *55(width)				
8.	Waist Length Extend	103cm				
9.	Jacket Weight	410g				
10.	Total Weight	2.7kg				
11.	EDD	01 week after awarding of contract				
12.	Acceptance Criteria	Inspection by end user				
13.	Warranty	01 year				
14.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor  Item is required at PMSS KOLACHI				

### IT SPECIFICATIONS OF HAND HELD METAL DETECTOR

S NO	SPECIFICATION	REMARKS				
1.	Description	Metal Detector				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>02</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	02
UNIT	Quantity					
KOLACHI	02					
3.	Detection Depth	Up to 6-8 inches depending on the type of metal and its size				
4.	Frequency	10-60 kHz				
5.	Search Coil	About 4-6 Inches In Diameter				
6.	Power Battery	1-4 AA OR AAA Batteries Battery life (10-20 hrs)				
7.	Weight	0.5-1 kg				
8.	Dimensions	25-30 cm length & width 10-15cm				
9.	Audio Indication	Produces a beeping or buzzing sound				
10.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor  Item is required at PMSS KOLACHI				

### IT SPECIFICATIONS OF STUN BATON FOR SECURITY

S NO	SPECIFICATION	REMARKS				
1.	Description	Stun Baton For Security				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>02</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	02
UNIT	Quantity					
KOLACHI	02					
3.	Composition	A combination of high strength concrete, steel fibers and rebar				
4.	Thickness	Typically ranges from 150 mm to 300 mm				
5.	Compressive Strength	Minimum 60 Mpa (8700 psi) to 100 Mpa (14,500 psi)				
6.	Ballistic Resistance	Design to withstand attacks fro, handguns, rifles and explosives				
7.	Forces entry Resistance	Resists entry attempts using tools like hammers, chisels and saw				
8.	Blast Resistance	With stands explosions and shockwaves				
9.	Other relevant information	<p>Damage effect occurred during installation work is responsibility of contractor</p> <p>Item is required at PMSS KOLACHI</p>				

### IT SPECIFICATIONS OF KNEE AND ELBOW PADS

S NO	SPECIFICATION	REMARKS				
1.	Description	Knee & Elbow pads HX-01 Black (Each)				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>09 (Each)</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	09 (Each)
UNIT	Quantity					
KOLACHI	09 (Each)					
3.	Material	TPO + 600D OXFORD FABRIC				
4.	Knee Pads Size	18.7 x 0.8 x 16 cm /241g				
5.	Elbow Pads Size	16.5 x 0.7 x 14 cm /165.1g				
6.	EDD	01 week after awarding of contract				
7.	Acceptance Criteria	Inspection by end user				
8.	Warranty	01 year				
9.	Other relevant information	<p>Damage effect occurred during installation work is responsibility of contractor</p> <p>Item is required at PMSS KOLACHI</p>				

### IT SPECIFICATIONS OF HAND CUFFS

S NO	SPECIFICATION	REMARKS				
1.	Description	Hand Cuffs (Steel Adjustable)				
2.	Quantity Required	<table border="1"><thead><tr><th>UNIT</th><th>Quantity</th></tr></thead><tbody><tr><td>KOLACHI</td><td>10</td></tr></tbody></table>	UNIT	Quantity	KOLACHI	10
UNIT	Quantity					
KOLACHI	10					
3.	Material	Steel				
4.	Total Length	67 cm				
5.	Min Diameter	6 cm				
6.	Max Diameter	9.3 cm				
7.	Teeth	22 cm				
8.	Cuff Weight	450 g				
9.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor  Item is required at PMSS KOLACHI				

### IT SPECIFICATIONS OF LANYARD

S NO	SPECIFICATION	REMARKS				
1.	Description	Lanyard				
2.	Quantity Required	<table border="1"><thead><tr><th>UNIT</th><th>Quantity</th></tr></thead><tbody><tr><td>KOLACHI</td><td>04</td></tr></tbody></table>	UNIT	Quantity	KOLACHI	04
UNIT	Quantity					
KOLACHI	04					
3.	Lanyard length	Approx. 60-130 cm				
4.	Material	Polypropylene, metal, polyurethane				
5.	Weight	60 g				
6.	Belt	5.5 cm wide with hook and loop closure				
7.	Other relevant information	Damage effect occurred during installation work is responsibility of contractor  Item is required at PMSS KOLACHI				



## IT SPECIFICATIONS OF BULLET PROOF HELMET

S NO	SPECIFICATION	REMARKS				
1.	Description	Bullet Proof Helmet				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>09</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	09
UNIT	Quantity					
KOLACHI	09					
3.	Level	NIJ III Resist 7.62 mm & .308 Caliber Ammunition				
4.	Material	Material like Kevlar ceramic or titanium				
5.	EDD	01 week after awarding of contract				
6.	Acceptance Criteria	Inspection by end user				
7.	Warranty	01 year				
8.	Other relevant information	<p>Damage effect occurred during installation work is responsibility of contractor</p> <p>Item is required at PMSS KOLACHI</p>				

## IT SPECIFICATIONS OF COMBAT GOGGLE

S NO	SPECIFICATION	REMARKS				
1.	Description	Combat Goggles				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>09</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	09
UNIT	Quantity					
KOLACHI	09					
3.	Material	Plastic				
4.	Frame Colors	Black/Tan				
5.	Accessories	Adjustable Strap, Fabric Bag				
6.	Style	Rectangle				
7.	Item Type	Eye Wear				
8.	Lens Height	4 cm				
9.	Lenses Material	Polycarbonate				
10.	Lens Width	7 cm				
11.	Lens Attributes	Wind-Proof, Anti-Glare, Graced, UVA / UVB, Ballistic				
12.	Lens Colors	Grey, Transparent, Yellow(Night Vision)				
13.	Other relevant information	<p>Damage effect occurred during installation work is responsibility of contractor</p> <p>Item is required at PMSS KOLACHI</p>				

## IT SPECIFICATIONS OF TACTICAL GLOVES

S NO	SPECIFICATION	REMARKS				
1.	Description	Tactical Gloves				
2.	Quantity Required	<table border="1" style="width: 100%;"> <thead> <tr> <th>UNIT</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>KOLACHI</td> <td>09</td> </tr> </tbody> </table>	UNIT	Quantity	KOLACHI	09
UNIT	Quantity					
KOLACHI	09					
3.	Material	Kevlar anti cutting material + silica gel anti slip material + elastic fibers				
4.	Weight	109.50g				
5.	Velcro Size	35.00 x 3.00 x 0.12 cm				
6.	Gloves thickness	0.34 cm				
7.	Wirst perimeter	10.10 cm				
8.	Wirst thickness	0.23 cm				
9.	Finger width	11.5 cm				
10.	Finger thickness	0.20 cm				
11.	Gloves length	23.9 cm				
12.	EDD	01 week after awarding of contract				
13.	Acceptance Criteria	Inspection by end user				
14.	Warranty	01 year				
15.	Other relevant information	<p>Damage effect occurred during installation work is responsibility of contractor</p> <p>Item is required at PMSS KOLACHI</p>				

## IT SPECIFICATIONS OF COMBAT HELMET

S NO	SPECIFICATION	REMARKS				
1.	Description	Combat Helmet				
2.	Quantity Required	<table border="1"><thead><tr><th>UNIT</th><th>Quantity</th></tr></thead><tbody><tr><td>KOLACHI</td><td>09</td></tr></tbody></table>	UNIT	Quantity	KOLACHI	09
UNIT	Quantity					
KOLACHI	09					
3.	Material	Material like Kevlar ceramic				
4.	Weight	1-2 kg (2.2-4.4 lbs.)				
5.	Coverage	Open Face				
6.	Communication	Mounts for Radio or Headsets				
7.	Ventilation	Ventilation System To Reduce Humidity				
8.	Protective Level	NIJ III Resist 7.62 mm & .308 Caliber Ammunition				
9.	EDD	01 week after awarding of contract				
10.	Acceptance Criteria	Inspection by end user				
11.	Warranty	01 year				
12.	Other relevant information,	Damage effect occurred during installation work is responsibility of contractor  Item is required at PMSS KOLACHI				

**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 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:

<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.5,000/-** nonrefundable as tender fee (In favour of IT Sale Account DG PMSA).

**10. INSPECTION AUTHORITY:**

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

**11. CONDITION OF STORES:**

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

**12. DOCUMENTS REQUIRED:**

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

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

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

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

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

**14. CURRENT BANK STATEMENT:**

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

**15. INTEGRITY PACT:**

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

**16. CORRESPONDENCE:**

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

**17. PRE SHIPMENT INSPECTION:**

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

**18. AMENDMENT IN CONTRACT:**

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

**19. DISCREPANCY:**

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

**20. PRICE VARIATION:**

Price offered against IT are to be firm and final.

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

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

**22. RISK PURCHASE:**

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

**23. PENALTY:**

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

**24. ALL RIGHTS RESERVED:**

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

**25. PAYMENT:**

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

26. **PARTIAL ORDER.** All participating firms are to comply acceptance of partial order. Partial supply as per lowest rates i.a.w technically acceptable 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. Details of taxes are as under:
  - (i). **SST 13%:** SST @ 13% will be implemented on Repair/ Maintenance/ Overhauling and Fabrication cases.
  - (ii). **GST 18%:** GST @ 18% will be implemented on Procurement and supplies.
- 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.