

SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 24 X IT SPECIFICATIONS

SINGLE STAGE TWO ENVELOPE

INSTRUCTIONS FOR BIDDERS (TWO-STAGE, TWO-ENVELOPE BIDDING PROCEDURE)

In accordance with applicable **PPRA Rules** and DPPI-35, all participating firms are required to submit their bids under the **Two-Stage, Two-Envelope Bidding System** for the listed items. Each bid shall consist of **two separate sealed envelopes**, clearly marked “**Technical Proposal**” and “**Commercial Proposal**”, and placed within a single outer sealed envelope.

Stage I – Technical Proposal (First Envelope)

The Technical Proposal shall be submitted **without any reference to prices or financial information** and must include the following:

1. A clear understanding of the scope of work and objectives of the assignment
2. Relevant experience of the firm in similar or comparable projects, supported by documentary evidence
3. Details of sourcing arrangements for goods and/or services proposed for the assignment
4. Proposed methodology, work plan, and approach for successful and timely completion of the work
5. Copies of relevant documents, including but not limited to:
 - Company profile
 - Registration certificates
 - NTN / STRN (where applicable)
 - Past performance certificates or client references

The Technical Proposal will be evaluated first. Only firms whose Technical Proposals are found responsive and compliant with the prescribed requirements will qualify for Stage II (Commercial Evaluation).

Stage II – Commercial Proposal (Second Envelope)

The Commercial Proposal shall be submitted in a separate sealed envelope and must include:

1. Complete item-wise price breakdown for all goods to be supplied and/or services to be rendered
2. Clear description of the scope of work or services covered under the quoted prices
3. All prices quoted in Pakistani Rupees (PKR), inclusive of applicable duties and taxes, as detailed below:
 - **General Sales Tax (GST) @ 18%** on applicable goods
 - **Sindh Sales Tax (SST) @ 15%** on services rendered

IT NO: IT/80/01/2025-26
FABRICATION AND INSTALLATION OF FUEL TANKS STRIPPING ARRANGEMENTS &
REPAIRING OF SIGHT GLASS OF OVERFLOW TANKS - PMSS KASHMIR

S No	Details				
1.	Ships Name	PMSS KASHMIR			
2.	Parent Equipment	FUEL TANKS			
3.	Origin	China			
4.	Sub Equipment	Stripping arrangement Sight glass bellow			
5.	Assembly Component	Stripping arrangement Sight glass bellow			
6.	Part No. of Assembly Component	S No	NSN/ Part No	Description	Qty
		a.	NIL	Stripping arrangement	13
		b.	NIL	Sight glass bellow	As Required
7.	Justification for Work	Replacement of above mentioned items is required for SAT OPS.			
8.	Work Required	a	B	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		All Fuel tanks Stripping arrangements are unavailable onboard. Proper stripping arrangement required. Overflow tank sight glass bellow leaky need to be repaired.	New stripping arrangement of all fuel tanks and Overflow tank sight glass bellow repair work required.	Stripping arrangement of all fuel tanks and repair work on Overflow tank sight glass bellow required.	As per S No 6
9.	Detailed scope of work	Details of Repair Work Required	Details of services Required	Details of Spares Required	
		New stripping arrangement of all fuel tanks and Overflow tank sight glass bellow repair work required.	Stripping arrangement of all fuel tanks and repair work on Overflow tank sight glass bellow required.	As per S No 6	
10.	Technical Specs	As per sample			
11.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.			
12.	EDC	30 Days after award of contract			
13.	Warranty	01 Year			
14.	Acceptance Criteria	a. OEM Certified item b. All BER items to be replaced with new c. Firm will not be allowed to use ship tools and manpower			

IT NO: IT/80/02/PM/2025-26

**FABRICATION OF 04 X GEAR BOX LUBE OIL COOLERS OF PMSS RAFAQAT & PMSS
SABQAT**

S No	Details			
1.	Ships Name	PMSS RAFAQAT & PMSS SABQAT		
2.	Parent Equipment	Main Diesel Engine		
3.	OEM	ZF MARITUMS WORLD WIDE CETER		
4.	Model	BW-750/755 Disc Type		
5.	Origin	Germany		
6.	Sub Equipment	Main Reduction Gear Box		
7.	Assembly Component	Oil Cooler		
8.	Part No of Assembly Component	0501002839		
9.	Quantity	08 x Coolers and 04 x Cooler Racks		
10.	Source of Availability	ZF Friedrichshafen AG Germany		
11.	Justification of Work	Gear Box Oil Cooler shell deteriorated and Leaky		
12.	Work Required	a	B	c
		Defect/ Routine List	Services Required	Details of Work
		Gear Box Oil Cooler deteriorated and Leaky	Fabrication of 04 x Coolers along with 02 x Coolers Racks (02 x Coolers to be stacked in each Rack) for each ship.	<p>Firm is to Fabricate coolers with metallurgy being same as original coolers. Variation in dimensions not affecting overall available space remains acceptable.</p> <p>After fabrication the inspection, trials and commissioning of system will only lead to acceptance of the overall system developed by Firm.</p> <p>Pressure testing of lube oil cooler as per OEM Manual at 250 PSI</p> <p>HATs/ SATs will be conducted after installation onboard</p> <p>Any damage during trial and inspection will be the liability of firm and rectification of the same is to be carried out by firm as per directions of HQ PMSA at own expense.</p>
13.	Technical Specs	Part No 0501002839		

14.	Eligibilities`	FBR registered supplier
15.	EDC	07 Working Days
16.	Warranty	01 year after installation.
17.	Acceptance Criteria	a. Success trials by end user

IT NO: IT/80/03/2025-26
FABRICATION OF GANGWAY - PMSS KOLACHI

S No	Details							
1.	Ships Name	PMSS KOLACHI						
2.	Parent Equipment	Gangway						
3.	Quantity	1						
4.	Source of Availability	Local Market						
5.	Justification for Work	Fabrication of Gangway is required for the Ship.						
6.	Work Required	<table border="1"> <thead> <tr> <th align="center">a</th> <th align="center">b</th> </tr> <tr> <th align="center">Services Required</th> <th align="center">Details of Work</th> </tr> </thead> <tbody> <tr> <td>Fabrication of Gangway</td> <td>Aluminum sheet, high quality roller, Stainless Steel handrail. Size: 40 Feet Length Width: 32 Inch Roller height: 7 Inch Guard Rail height:39 Inch</td> </tr> </tbody> </table>	a	b	Services Required	Details of Work	Fabrication of Gangway	Aluminum sheet, high quality roller, Stainless Steel handrail. Size: 40 Feet Length Width: 32 Inch Roller height: 7 Inch Guard Rail height:39 Inch
		a	b					
		Services Required	Details of Work					
Fabrication of Gangway	Aluminum sheet, high quality roller, Stainless Steel handrail. Size: 40 Feet Length Width: 32 Inch Roller height: 7 Inch Guard Rail height:39 Inch							
7.	Eligibilities	Reputable local contractor having working experience with PMSA.						
8.	EDC	15 Days after award of contract						
9.	Warranty	02 x Year.						
10.	Acceptance Criteria	Evaluation by end user & D (Tech) PMSA						

IT NO: IT/80/04/PM/2025-26

HIRING OF TUGs – HQ PMSA

S No	Details	
1.	Ships Name	HQ PMSA
2.	Requirement of Services	Hiring of Tug Services for movement of PMSA ships (Gross tonnage 150 tons to 1500 tons).
3.	Details of Services Required	<ul style="list-style-type: none">a. Tug should have twin screws, hydraulic steering system, appropriate navigational and communication systems for safe operations in Karachi harbour.b. Min bollard pull of the tug should be 04 tons/ above.c. Tug may be made of steel/ wooden hull.d. It should have length between 50 to 100 feet, draught of max upto 02 meter for berthing/ movement in shallow water areas near Karachi fisheries/ PIDC channel.e. Tug should have preferably, diesel engines with power of more than 250 HP for each engine.f. Proposal for services of hiring of Tug may be offered by firm/ vendor who have experience of construction & operation of marine vessels preferably for Tugs/ Tug boats.g. Tug upon hiring will be berthed near HQ PMSA Jetty/ mooring area.h. Services of Tug will be required round the clock even on Saturday & Sunday/ public holidays with one hour short notice.i. Vendor offering the Tug services will ensure all payments for repairs/ maintenance, fuel/ filters, luboil replacements, gear oil, repairs of hull, salaries of Tug crew including their medical allowances/ facilities/ insurance for death/ injuries etc.j. Tug crew must include an experienced Tug officer and staff having sufficient experience of 1000 Hrs movement of ships. Their details including CVs should be included in the proposal.k. Details of the Tug, complete specifications of engine, steering system, gears, navigational and communication systems are to be included in the proposal.l. Tug should have minimum life span of 03 years and its sea worthiness will be checked by PMSA technical staff prior award of contract.m. Vendor should have comprehensive maintenance resources for Tug including mechanics and workshop.n. PMSA technical committee will inspect the tug and select based on its suitability.o. One month advance payment may be made subject to availability of Tug in ready to use condition.p. If PMSA is not satisfied with the services of the Tug, HQ PMSA may

		<p>terminate the contract with one month advance notice.</p> <p>q. During one month, Tug will undertake minimum 30 movements of PMSA Ships and maximum of 150.</p> <p>r. One month will be based on 30 days for calculation of pro rata basis.</p> <p>s. PMSA will not be responsible for any loss/ damage/ sinking of the Tug or loss of lives during the movements or for the duration of this contract.</p> <p>t. Vendor should have a registered firm with SECP, NTN number etc.</p> <p>u. Sub contracting will not be allowed and vendor should give details of the firm including its company profile with the quote.</p> <p>v. PMSA has the right to cancel this Hiring at any stage with one month advance notice.</p> <p>w. Vendor must have alternate arrangements in case of non availability of Tug hired for PMSA.</p> <p>x. In case of any loss or damage to PMSA ships during movements, vendor will be solely responsible for the damage to be repaired to the satisfaction of ship's staff.</p>
4.	Additional Details	<p>a. a. Vendors shall quote monthly charges in Pakistani Rupees (PKR). The quoted rates must be inclusive of Withholding Tax (WHT) @ 15% and Sindh Sales Tax (SST) @ 15%, where applicable.</p> <p>b. b. The successful vendor shall enter into a service agreement for an initial period of one (01) year, which may be extended up to a maximum period of three (03) years, subject to satisfactory performance and mutual consent of both parties.</p> <p>c. c. Monthly rental charges may be reviewed and revised with mutual consent in the event of a significant increase or decrease in fuel prices or any change (increase or decrease) in government-imposed taxes or duties during the contract period. Any such revision shall be supported by documentary evidence, limited strictly to the impact of the change, and shall take effect only after approval by the competent authority.</p>
5.	Eligibilities	Reputable local contractor having working experience with PMSA.
6.	Acceptance Criteria	Evaluation by DP&CC

IT NO: IT/80/05/2025-26
PROCUREMENT OF LASER RANGE FINDER (LRF) - PMSA SHIPS

S No	Details	
1.	Ships Name	PMSA Ships
2.	Parent Equipment	Laser Range Finder (LRF)
3.	OEM	Bushnell Range Finder
4.	Model	5-1200 (7x32)
5.	Quantity	12
6.	Source of Availability	Any local/ international registered firm with good reputation.
7.	Justification for Work	Laser Range Finder (LRF) is essentially required for measure distance between ships and small boats at sea.
8.	Work Required	Requirement of 12 x Laser Range Finder (LRF) of latest version for PMSA Ships.
9.	Detailed scope of work	Requirement of 12 x Laser Range Finder (LRF) of latest version for PMSA Ships.
10.	Eligibilities	Any firm having experience with PMSA.
11.	EDC	ASAP
12.	Warranty	1 year
13.	Acceptance Criteria	Visually inspection of provided item w.r.t physical inspection.

IT NO: IT/80/06/ PM/ 2025-26
MAJOR OVERHAUL (MOH)/ CORE EXCHANGE OF ENGINE S.NO CAE-880582 DEFENDER
AIRCRAFT - 93 PMSA

S No	Details					
1.	Ships Name	93 PMSA SON				
2.	Parent Equipment	BN-2T Defender Aircraft				
3.	OEM	Rolls Royce (USA)				
4.	Model	Allison 250-B17C Turboprop Engine (Part No 23038150)				
5.	Serial No	CAE-880582				
6.	Origin	USA				
7.	Sub Equipment	Allison 250-B17C Turboprop Engine				
8.	Assembly Component	Self				
9.	Part No. of Assembly Component	23038150				
10.	Quantity	01				
11.	Source of availability	OEM or OEM Authorized Maintenance Centre (AMC)				
12.	Justification for Work	Major Overhaul of Engine has become due on hourly basis.				
13.	Work Required	a	b	c	d	
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required	
		Major Overhaul of Engine has become due on hourly basis	a. Major Overhaul (MoH) of Allison 250- B17C Turboprop Engine as per details mentioned in Para 14 b. Core Exchange of Allison 250-B17C Turboprop Engine as per details mentioned in Para 15	Major Overhaul/ Core exchange of Allison 250-B17C Turboprop Engine CAE-880582	As per standard	
14.	Major Overhaul (MoH)	a. Major Overhaul (MoH) of Engine and components are to be undertaken by OEM or OEM Authorized Maintenance Centre (AMC). Engine Lifting Data as per Log Book is appended below:				
		S No	Component Description	Part No.	S No	Life consumed (Hrs)/ Cycles
		1)	Engine	23038150	CAE-880582	3493:05/ 3437
		2)	Accessory Gear Box	23050834	CAG-80592	On condition
		3)	Compressor	6890560	CAC 80597	3493:05
		4)	1 st Stage Wheel	23079060	QC31456	1191:05
		5)	2-3 Stage Wheel	23060432	C43985	1191:05
		6)	4 Stage Wheel	23060414	C39765	1191:05
		7)	5 Stage Wheel	23079057	QC31024	1191:05
		8)	6 Stage Wheel	23060416	KR29031	1191:05
		9)	Impeller	23079638	KR121932	1329:30
		10)	Spur Adaptor	23079637-2	GK579165	1191:05
		11)	Tie Bolt	M250-10055	GK566911	1329:30
		12)	Turbine	6898737	CAT80599	3493:05
		13)	1 st Stage Wheel	M250-10223	X652903	1191:05
14)	2 nd Stage Wheel	23073854	X587831	1748:00		

15)	3 rd Stage Wheel	6899373	HX60688	3493:05
16)	4 th Stage Wheel	6853279	HX51961	3493:05
17)	Tie Bolt	23068265	NM94952	1191:05
18)	2 nd Stage Nozzle Diaphragm	M250-10550	MA232550	1191:05
19)	Engine Accessories	Part No.	S No	Hours Consume since OH & Remarks
20)	Over speed Governor	23032241	WF1447003	2997:25 (Due for Overhaul)
21)	Combined Governor	6875708	2000393	1191:05 (Due for Overhaul)
22)	Fuel Control Unit	23070603	BR55126	1992:00 (Due for Overhaul)
23)	Fuel Pump	23074705	JG05AKV1348	3029:05 (Due for Overhaul)
24)	Fuel Nozzle	M250-10603	IXF04088	1191:05 (Due for Overhaul)
25)	Bleed Valve	23053176	FF58119	1466:20
26)	Tachometer Generator	3422016 OR EM8001-C	901/ 504	Unserviceable
27)	Dry Air Pump	AA3216CW	N52590	Unserviceable

b. **General Engine** (Following maintenance work including standard maintenance work package for Engine Major Overhaul is to be undertaken as per approved OEM MOH work scope).

(1) Standard Work	(a) Disassembling engine modules, cleaning of all parts, NDT, detail inspection of all main build kits/ accessories including PC filter, anti-icing valve, mountings, piping, turbine and brackets for chaffing, cracks or breaking. Inspection of control cables, harness assembly/ wirings
	(b) Reassembling of engine (Include labor only)
	(c) Test Cell Run (Include induction and final test cell run)

(2) New Replacement	(a) Main build kit
	(b) Final finish kit (include all consumable and 100% replacement parts required to re-assemble engine)
	(c) Fire Over Detector element Part No 3001-47-450/190C-3M

c. Compressor Module

(1) Standard Work	Disassembling, cleaning, NDT, detailed inspection and reassembly
(2) Standard Replacement	Compressor 100% build kit: compressor casing, Impeller, Spur Adaptor Gear Shaft and Coupling Adaptor
(3) Standard Rework	Standard rework of Front Shroud, Rear Support, Diffuser Vane, Diffuser Scroll and Compressor Wheel coating

d. Accessory Gear Box Module

(1) Standard Work	Disassembling, cleaning, NDT, detailed inspection and reassembly
(2) Standard Replacement	Standard 100% Main build kit
(3) Standard Rework	Standard rework of Gear Box Cover and Housing

e. Turbine Module

(1) Standard Work	Disassembling, cleaning, NDT, detailed inspection – and reassembly
(2) Standard Replacement	(a) Turbine 100% build kit
	(b) Stage 1 turbine wheel
	(c) Stage 2 turbine wheel “

		(d) Stage 3 turbine wheel	CEB-1345 not to be complied Turbine wheels removed from engine to be inspected and returned in SV condition with overhauled engine
		(e) Stage 4 turbine wheel	
		(f) Stage 1 Nozzle Shield (New part should not be limited to 1000 cycles iaw TP CEB A 1318 Rev II)	
		(g) Stage 1 and 2 Nozzle	
		(h) Energy observing ring	
(3)	Standard Rework	(a) Paint Treatment inner and outer shaft	
		(b) GP support	
		(c) Paint Treatment support	
		(d) Sump cover (TP CEB 1342)	
		(e) Exhaust collector	
		(f) Tie bolt (TP CEB 1319A R2 already complied)	
		(g) Stage 2 Nozzle	
		f. All applicable mandatory inspections/ CEBs/ CSLs/ ADs and modifications regarding engine modules are to be accomplished	
		g. Any other customer optional CEBs/ CSLs/ ADs and modifications apart from scope of MoH which needs to be accomplished may be undertaken only after, seeking approval from PMSA	
		h. All requisite, Documents i.e. Airworthiness Certificate, Certificate of Conformity along with detail of work accomplished on Engine duly signed and stamped would be required	
		j. FAA/ EASA or equivalent certification of the firm is to be provided.	
		k. Itemized cost of MoH and overhauling of components (item wise) are to be quoted separately	
		l. Firms have to provide authorization letter of their principal firms and bank statement of last 01 year of their firm	
		m. Firms must have at least 02 years' experience of procurement/ repair/ overhaul of Aviation components/ spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory	
		n. Firms need to include freight charges/ insurance for transportation of the engine	
		p. Firms need to get import/ export licenses from respective abroad firms/ agencies	
		q. Engine must be cleared for service till its HMI becomes due or next 1750 Hrs	
		r. Firms need to provide assurance that the item shall be received from 93 PMSA SQN and will be transported to MRO for overhaul at their own responsibility. S^me will also be delivered back at 93 PMSA SQN after requisite rectification at their responsibility	
		s. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoQ basis in shortest possible time	
		t. During initial disassembling/ stripping phase and final test cell running phase, 03x PMSA reps are to be invited on-site for evaluation/ monitoring work extent/ material review and to monitor satisfactory performance (Final test run), respectively. During y of PMSA reps, complete boarding/ lodging will be responsibility of firm (both visits)	
		u. Offered quotes are to be firm and final. No adjustments against Foreign Exchange rate variations will be accommodated	
		v. Firm may quote Custom duties/ taxes (as applicable) for transportation of the engine. However, final decision for responsibility of customs/ transportation (PMSA or supplier) will be finalized prior contract	
		w. Any additional work/ replacement required due to findings of Induction? test cell run, inventory check, stripping of Engine or Inspection may not be undertaken	

		until approved by HQ PMSA
		x. Firm is bound to provide Inspection report after 12 weeks of receipt of engine and accordingly, ensure conduct of MRB
		y. The firm is to provide detailed MRB report covering details of Labor/ Man Hours along with itemized rework detail. This should be supported by financial estimation
		z. The firm is to confirm availability of 3 rd and 4 th stage turbine wheels pre-CEB 1345. Replacement of said wheels with post CEB 1345 wheels is not acceptable.
15.	Core Exchange	a. A Core Exchange Engine may be offered- to PMSA (copy of complete Log Book should be provided with offer) and same will be accepted by PMSA after Test Cell (TCR) at firm premises
		b. 03 x PMSA reps are to be invited on-site for evaluation/ monitoring satisfactory performance (TCR) of Engine. During stay of PMSA reps, complete boarding/ lodging will be responsibility of firm
		c. Post TCR, engine will be shipped to PMSA and it will be installed on aircraft. Final acceptance will be forwarded after successful flight
		d. Post final acceptance, Engine S No 880582 will be shipped to the firm
		e. No additional charges will be applicable after disassembly of 880582 and price will be firm and final
		f. Engine must be cleared for service till next HMI or 1750 Hrs
		g. All engine components/ accessories should have minimum 90-95% remaining hours/ life
		h. All requisite, Documents i.e Airworthiness Certificate, Certificate of Conformity along with detail of work accomplished on Engine duly signed and stamped required
		i. FAA/ EASA or equivalent certification of the firm is to be provided
		k. Firms have to provide authorization letter of their principal firms and bank statement of last 01 year of their firm
		l. Firms must have at least 02 years experience of procurement/ repair/ overhaul of Aviation components/ spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory
		m. Firms need to include freight charges/ insurance charges for the transportation of engine
		n. Firms need to get import/ export licenses from respective abroad firms/ agencies
		p. Firms need to provide assurance that Engine will be transported to 93 PMSA SQN after requisite rectification at their responsibility
		q. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time
		r. Offered quote are to be firm and final. No adjustments against Foreign Exchange rate variations will be accommodated
s. Firm is to quote Custom duties/ taxes (as applicable) for transportation of the engine. However, final decision for responsibility of customs/ transportation (PMSA or supplier) will be finalized prior contract		
16.	Defect/ repair History	Repair through M/s MTSS in Oct 2019 vide contract number PMSA/2017-18/D (P&CC)/1734722 dated 12 December 2017
17.	Technical Specs	As per S No 9
18.	Eligibility	Firm is to qualify prerequisites for at least one proposal i.e. for MOH as per 16a and Core Exchange as per Para 15
19.	EDC	<p><u>OVERHAULING OF ENGINE</u></p> <p>a. Provision of Letter of Invitation (LOI): The firm shall provide a Letter of Invitation (LOI) from the approved Maintenance, Repair and Overhaul (MRO) facility, valid for a period of six (06) months, within one (01) week of signing the contract.</p>

b. **Shifting of Engine to MRO Facility:** The engine shall be shifted to the designated MRO facility within **two (02) weeks** of signing the contract.

c. **Health Assessment and Growth Work:** The firm shall submit the **original Health Assessment Report**, issued by the MRO, along with details of **growth work**, if any. The **original quotation from the MRO** shall also be provided within **one (01) month** from the date the engine is delivered to the MRO facility, as per Para (b).

d. **Visit to MRO Facility for Verification:** For verification of the Health Assessment and growth work, the firm shall arrange a visit to the MRO facility for a **HQ PMSA team comprising three (03) officers** within **two (02) weeks** of submission of the report mentioned in Para (c).

e. **Overhauling of Engine:** Complete overhauling of the engine and all associated repair activities shall be carried out within **forty-five (45) days** after verification of the Health Assessment and approval of growth work, if applicable.

f. **Final Verification and Acceptance:** Upon completion of overhauling, the firm shall arrange a second visit to the MRO facility for a **HQ PMSA team comprising three (03) officers** within **two (02) weeks** for verification of work. A **Test Cell Run** of the engine shall be conducted at the MRO facility **in the presence of the PMSA team** for final acceptance.

g. **Dispatch to PMSA:** After acceptance, the firm shall deliver the overhauled engine to **93 Squadron premises** within **two (02) weeks**.

CORE EXCHANGE OF ENGINE

a. **Provision of Letter of Invitation (LOI):** The firm shall provide a **Letter of Invitation (LOI)** from the approved MRO facility, valid for **six (06) months**, within **one (01) week** of signing the contract.

b. **Shifting of Engine to MRO Facility:** The PMSA engine shall be shifted to the MRO facility within **two (02) weeks** of signing the contract.

c. **Health Assessment and Revised Offer:** The firm shall submit the **original Health Assessment Report** issued by the MRO for the PMSA engine, along with a **revised offer**, if any. The original quotation from the **MRO / seller** shall be provided within **one (01) month** from the date the engine is delivered to the MRO facility, as per Para (b).

d. **Verification and Test Cell Run:** For verification of the Health Assessment of the PMSA exchange engine and **Test Cell Run of the offered engine**, the firm shall arrange a visit to the MRO facility for a **HQ PMSA team comprising three (03) officers** within **two (02) weeks** of submission of the report mentioned in Para (c).

e. **Exchange Formalities:** All formalities related to the **exchange of engines** shall be completed within **twenty (20) days** after verification of the Health Assessment and approval of the revised offer, if applicable.

f. **Dispatch to PMSA:** After acceptance, the firm shall deliver the exchanged engine to **93 Squadron premises** within **two (02) weeks**.

20.	Warranty	At least 01 year or 500 Hrs (whichever is earlier)
21.	Acceptance Criteria	As per eligibilities mentioned at Para 14, 15, 18, 19 and 20 above
22.	Any other relevant information	Firms are requested to provide original quote of AMC (without price) along with their respective technical quote. Technical quote of firm will not be accepted without provisioning of AMC original quote

IT NO: IT/80/07/PM/ 2025-26

MAJOR OVERHAUL (MOH)/ CORE EXCHANGE OF ENGINE S.NO CAE-880787 - 93 PMSA

SON

S No	Details				
1.	Ships Name	93 PMSA SON			
2.	Parent Equipment	BN-2T Defender Aircraft			
3.	OEM	Rolls Royce (USA)			
4.	Model	Allison 250-B17C Turboprop Engine (Part No 23038150)			
5.	Serial No	CAE-880787			
6.	Origin	USA			
7.	Sub Equipment	Allison 250-B17C Turboprop Engine			
8.	Assembly Component	Self			
9.	Part No. of Assembly Component	23038150			
10.	Quantity	1			
11.	Source of availability	OEM or OEM Authorized Maintenance Centre (AMC)			
12.	Justification for Work	Major Overhaul of Engine has become due on hourly basis.			
13.	Work Required	a	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		Major Overhaul of Engine has become due on hourly basis	c. Major Overhaul (MoH) of Allison 250- B17C Turboprop Engine as per details mentioned in Para 14 d. Core Exchange of Allison 250-B17C Turboprop Engine as per details mentioned in Para 15	Major Overhaul/ Core exchange of Allison 250-B17C Turboprop Engine CAE-880787	As per standard

15.	Major Overhaul (MoH)	a. Major Overhaul (MoH) of Engine and components are to be undertaken by OEM or OEM Authorized Maintenance Centre (AMC). Engine Lifting Data as per Log Book is appended below:			
		S No	Component Description	S No	Life consumed (Hrs)/ Cycles
		28)	Engine	CAE-880787	3468:40
		29)	Accessory Gear Box	CAG-80909	3468:40
		30)	Compressor CAC81493		
		31)	1 st Stage Wheel	KRL107756	3468:40
		32)	2-3 Stage Wheel	KR109527	3468:40
		33)	4 Stage Wheel	E81792	3468:40
		34)	5 Stage Wheel	KR108676	3468:40
		35)	6 Stage Wheel	KR107431	3468:40
		36)	Impeller	KR111467	3468:40
		37)	Spur Adaptor	UG21782	3468:40
		38)	Tie Bolt	UG20418	3468:40
		39)	Turbine CAT80924		
		40)	1 st Stage Wheel	X614353	1761:50
		41)	2 nd Stage Wheel	X622445	1761:50
		42)	3 rd Stage Wheel	X547317	3468:40
		43)	4 th Stage Wheel	X548400	3468:40
		44)	Tie Bolt	NM88499	3468:40
		45)	2 nd Stage Nozzle Diaphragm	MA228687	3468:40
		46)	Engine Accessories	Part No	Hours Consume since OH & Remarks
		47)	Over speed Governor	23032241	2976:05 (Overhaul Required)
		48)	Combined Governor	6875708	1952:05 (Due for Overhaul)
		49)	Fuel Control Unit	23070603	1992:00 (Due for Overhaul)
		50)	Fuel Pump	6899253	2965:50 (Due for Overhaul)
		51)	Fuel Nozzle	M250-10603	2269:15 (Due for Overhaul)
		52)	Bleed Valve	23053176	434:10 (Bleed valve fails to close above 94% citer RPM) Unserviceable
		53)	Tachometer Generator	3422016	Unserviceable (Hard to rotate and internal winding insulation low along with overhaul)
		54)	Dry Air Pump	AA3216CW	Unserviceable (Shaft and Internal Mechanism broken)
		b. General Engine (Following maintenance work including standard maintenance work package for Engine Major Overhaul is to be undertaken as per approved OEM MOH work scope).			
		(1) Standard Work		(a) Disassembling engine modules, cleaning of all parts, NDT, detail inspection of all main build kits/ accessories including PC filter, anti-icing valve, mountings, piping, turbine and brackets for chaffing, cracks or breaking. Inspection of control cables, harness assembly/ wirings	
				(b) Reassembling of engine (Include labor only)	
				(c) Test Cell Run (Include induction and final test cell run)	
		(2) New Replacement		(a) Main build kit	
		(b) Final finish kit (include all consumable and 100% replacement parts required to re-assemble engine)			

		(c) Fire Over Detector element Part No 3001-47-450/190C-3M	
c. Compressor Module			
(1)	Standard Work	Disassembling, cleaning, NDT, detailed inspection and reassembly	
(2)	Standard Replacement	Compressor 100% build kit: compressor casing, Impeller, Spur Adaptor Gear Shaft and Coupling Adaptor	
(3)	Standard Rework	Standard rework of Front Shroud, Rear Support, Diffuser Vane, Diffuser Scroll and Compressor Wheel coating	
d. Accessory Gear Box Module			
(1)	Standard Work	Disassembling, cleaning, NDT, detailed inspection and reassembly	
(2)	Standard Replacement	Standard 100% Main build kit	
(3)	Standard Rework	Standard rework of Gear Box Cover and Housing	
e. Turbine Module			
(1)	Standard Work	Disassembling, cleaning, NDT, detailed inspection – and reassembly	
(2)	Standard Replacement	(a) Turbine 100% build kit	
		(b) Stage 1 turbine wheel	
		(c) Stage 2 turbine wheel“	
		(d) Stage 3 turbine wheel	CEB-1345 not to be complied
		(e) Stage 4 turbine wheel	
		(f) Tie Bolt (TP CEB 1319A R2)	
		(g) Stage 1 Nozzle Shield (TP CEB A 1318)	
		(h) Stage 1 and 2 Nozzle (TP CEB A 1212)	
		(j) Energy observing ring (TP CEB A 1214)	
		(3)	Standard Rework
(b) GP support			
(c) Paint Treatment support			
(d) Sump cover (TP CEB 1342)			
(e) Exhaust collector			
(f) Tie bolt (TP CEB 1319A R2 already complied)			
(g) Stage 2 Nozzle			
f. All applicable mandatory inspections/ CEBs/ CSLs/ ADs and modifications regarding engine modules are to be accomplished			
g. Any other customer optional CEBs/ CSLs/ ADs and modifications apart from scope of MoH which needs to be accomplished may be undertaken only after, seeking approval from PMSA			
h. All requisite, Documents i.e. Airworthiness Certificate, Certificate of Conformity along with detail of work accomplished on Engine duly signed and stamped would be required			
j. FAA/ EASA or equivalent certification of the firm is to be provided.			
k. Itemized cost of MoH and overhauling of components (item wise) are to be quoted separately			
l. Firms have to provide authorization letter of their principal firms and bank statement of last 01 year of their firm			
m. Firms must have at least 02 years' experience of procurement/ repair/ overhaul of Aviation components/ spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory			
n. Firms need to include freight charges/ insurance for transportation of the engine			
p. Firms need to get import/ export licenses from respective abroad firms/ agencies			
q. Engine must be cleared for service till its HMI becomes due or next 1750 Hrs			
r. Firm need to ensure shipment of engine to MRO within 7 x days after award of contract			
s. Firms need to provide assurance that the item shall be received from 93 PMSA			

		<p>SQN and will be transported to MRO for overhaul at their own responsibility. Same will also be delivered back at 93 PMSA SQN after requisite rectification at their responsibility</p> <p>t. Firm need to ensure that initial Test run will be conducted within 2 x weeks post receipt of Engine at MRO</p> <p>u. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time</p> <p>v. During initial disassembling/ striping phase and final test cell running phase, 03 x PMSA reps are to be invited on-site for evaluation/ monitoring work extent/ material review and to monitor satisfactory performance (Final test run), respectively. During stay of PMSA reps, complete boarding/lodging will be responsibility of firm (both visits)</p> <p>w. Firm need to ensure issuance of letter of invitation for para 16a (w) covering the whole expected timeline of engine stay at MRO facility to nominated 3 x PMSA reps within 1 x week of award of contract.</p> <p>x. Offered quotes are to be firm and final. No adjustments against Foreign Exchange, rate variations will be accommodated</p> <p>y. Firm may quote Custom duties/ taxes (as applicable) for transportation of the engine. However, final decision for responsibility of customs/ transportation (PMSA or supplier) will be finalized prior contract</p> <p>z. Any additional work/ replacement required due to findings of Induction test cell run, inventory check, stripping of Engine or Inspection may not be undertaken until approved by HQ PMSA</p> <p>aa. Firm is bound to provide Inspection report and ensure conduct of MRB within 12 weeks of receipt of engine</p> <p>bb. The firm is to provide detailed MRB report covering details of Labor/ Man Hours along with itemized rework detail. This should be supported by financial estimation</p> <p>cc. The firm is to confirm availability of 3rd and 4th stage turbine wheels pre-CEB 1345.- Replacement of said wheels with post CEB 1345 wheels is not acceptable.</p>
23.	Core Exchange	<p>a. A Core Exchange Engine may be offered to PMSA (copy of complete Log Book should be provided with offer) and same will be accepted by PMSA after Test Cell Run (TCR) at firm premises</p> <p>b. 03 x PMSA reps are to be invited on-site for evaluation/ monitoring satisfactory performance (TCR) of Engine. During stay of PMSA reps, complete boarding/ lodging will be responsibility of firm</p> <p>c. Firm need to be ensure issuance of letter of invitation for para 16b (b) to 3 x PMSA reps within 1 x week of award of contract</p> <p>d. Post TCR, engine will be shipped to PMSA within 2 x week and it will be installed on aircraft. Final acceptance will be forwarded after successful flight</p> <p>e. Post final acceptance, Engine S No 880787 will be shipped to the firm</p> <p>f. No additional charges will be applicable after disassembly of 880787 and price will b firm and final</p> <p>g. Engine must be cleared for service till next HMI or 1750 Hrs</p> <p>h. All engine components/ accessories should have minimum 90-95% remaining hours/ life</p> <p>j. All requisite, Documents i.e Airworthiness Certificate, Certificate of Conformity along with detail of work accomplished on Engine duly signed and stamped required</p> <p>k. FAA/ EASA or equivalent certification of the firm is to be provided</p> <p>l. Firms have to provide authorization letter of their principal firms and bank statement of last 01 year of their firm</p> <p>m. Firms must have at least 02 years' experience of procurement/ repair/ overhaul of Aviation components/ spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory</p> <p>n. Firms need to include freight charges/ insurance charges for the transportation of engine</p> <p>p. Firms need to get import/ export licenses from respective abroad firms/ agencies '</p> <p>q. Firms need to provide assurance that Engine will be transported to 93 PMSA SQN after requisite rectification at their responsibility</p> <p>r. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time</p>

		<p>s. Offered quote are to be firm and final. No adjustments against Foreign Exchange rate variations will be accommodated</p> <p>t. Firm is to quote Custom duties/ taxes (as applicable) for transportation of the engine. However, final decision for responsibility of customs/ transportation (PMSA or supplier) will be finalized prior contract</p>
24.	Defect/ repair History	Repair through M/s MTSS in Oct 2019 vide contract number PMSA/2017-18/ D (P&CC)/1734722 dated 12 December 2017
25.	Technical Specs	As per S No 9
26.	Eligibility	Firm is to qualify prerequisites for at least one proposal i.e. for MOH as per 16a and Core Exchange as per Para 15
27.	EDC	<p><u>OVERHAULING OF ENGINE</u></p> <p>a. Provision of Letter of Invitation (LOI): The firm shall provide a Letter of Invitation (LOI) from the approved Maintenance, Repair and Overhaul (MRO) facility, valid for a period of six (06) months, within one (01) week of signing the contract.</p> <p>b. Shifting of Engine to MRO Facility: The engine shall be shifted to the designated MRO facility within two (02) weeks of signing the contract.</p> <p>c. Health Assessment and Growth Work: The firm shall submit the original Health Assessment Report, issued by the MRO, along with details of growth work, if any. The original quotation from the MRO shall also be provided within one (01) month from the date the engine is delivered to the MRO facility, as per Para (b).</p> <p>d. Visit to MRO Facility for Verification: For verification of the Health Assessment and growth work, the firm shall arrange a visit to the MRO facility for a HQ PMSA team comprising three (03) officers within two (02) weeks of submission of the report mentioned in Para (c).</p> <p>e. Overhauling of Engine: Complete overhauling of the engine and all associated repair activities shall be carried out within forty-five (45) days after verification of the Health Assessment and approval of growth work, if applicable.</p> <p>f. Final Verification and Acceptance: Upon completion of overhauling, the firm shall arrange a second visit to the MRO facility for a HQ PMSA team comprising three (03) officers within two (02) weeks for verification of work. A Test Cell Run of the engine shall be conducted at the MRO facility in the presence of the PMSA team for final acceptance.</p> <p>g. Dispatch to PMSA: After acceptance, the firm shall deliver the overhauled engine to 93 Squadron premises within two (02) weeks.</p> <p><u>CORE EXCHANGE OF ENGINE</u></p> <p>a. Provision of Letter of Invitation (LOI): The firm shall provide a Letter of Invitation (LOI) from the approved MRO facility, valid for six (06) months, within one (01) week of signing the contract.</p> <p>b. Shifting of Engine to MRO Facility: The PMSA engine shall be shifted to the MRO facility within two (02) weeks of signing the contract.</p>

		<p>c. Health Assessment and Revised Offer: The firm shall submit the original Health Assessment Report issued by the MRO for the PMSA engine, along with a revised offer, if any. The original quotation from the MRO / seller shall be provided within one (01) month from the date the engine is delivered to the MRO facility, as per Para (b).</p> <p>d. Verification and Test Cell Run: For verification of the Health Assessment of the PMSA exchange engine and Test Cell Run of the offered engine, the firm shall arrange a visit to the MRO facility for a HQ PMSA team comprising three (03) officers within two (02) weeks of submission of the report mentioned in Para (c).</p> <p>e. Exchange Formalities: All formalities related to the exchange of engines shall be completed within twenty (20) days after verification of the Health Assessment and approval of the revised offer, if applicable.</p> <p>f. Dispatch to PMSA: After acceptance, the firm shall deliver the exchanged engine to 93 Squadron premises within two (02) weeks.</p>
28.	Warranty	At least 01 year or 500 Hrs (whichever is earlier)
29.	Acceptance Criteria	As per eligibilities mentioned at Para 14, 15, 18, 19 and 20 above
30.	Any other relevant information	Firms are requested to provide original quote of AMC (without price) along with their respective technical quote. Technical quote of firm will not be accepted without provisioning of AMC original quote

IT NO: IT/80/08/2025-26**IT SPECIFICATIONS – PMS ROUTINE FOR INSPECTION TESTING OF SHIPS SIREN FOG WHISTLE SYSTEM - PMSS KASHMIR**

S No	Details				
1.	Ships Name	PMSS KASHMIR			
2.	Parent Equipment	FOG WHISTLE SYSTEM			
3.	OEM	JIANGSU YANGZI ENVIRONMENT PROTECTION EQUIPMENT ENGINEERING CO., LTD			
4.	Model	WD-2			
5.	Serial No	WD0215100			
6.	Origin	CHINA			
7.	Sub Equipment	SHIPS SIREN			
8.	Assembly Component	Ships Siren, Solenoid valve, Diaphragm, Store pressure device			
9.	Part No. of Assembly Component	S No	NSN/ Part No	Description	Qty
		a.	6350PV2110012/WD-1-12-00	Solenoid valve	01
		b.	6350PV2110011/WD-2-04-03	Diaphragm	02
		c.	CYZZ-100	Store pressure device	01
10.	Justification for Work	Inspection/ testing of ship siren/ Fog whistle system required for SAT OPS.			
11.	Work Required	a		B	
		Details of Work Required		Spares Required	
		Inspection/ testing of ship siren/ Fog whistle system required. System has not been tested since commissioning.		As per S No 9	
12.	Technical Specs	Model	WD-2		
		Serial No	WD0215100		
		Power/ Voltage	AC220V		
13.	Eligibilities	Reputable local/ international contractor registered with FBR and having working experience with PMSA.			
14.	EDC	30 Days after award of contract			
15.	Warranty	01 Year.			
16.	Acceptance Criteria	a.	OEM Certified item.		
		b.	Defective/ BER bottles or parts must be replaced with new one.		
		c.	Firm will not be allowed to use ship tools and manpower.		

IT NO: IT/80/09/2025-26
PROCUREMENT OF 04 X AIR CONDITIONING SYSTEM 2.3 TON (FLOOR STANDING) -
PMSS SABQAT & RAFAQAT

S No	Details				
1.	Ships Name	PMSS SABQAT & PMSS RAFAQAT			
2.	Parent Equipment	AIR CONDITIONING COOLING SYSTEM			
3.	OEM	DAIKIN			
4.	Model	DAIKIN 2 3 Ton (Floor Standing)			
5.	Origin	JAPAN			
6.	Sub Equipment	Split AC (Non Inverter)			
7.	Assembly Component	Inner/Outer units			
8.	Quantity	04 in No			
9.	Source of Availability	JAPAN			
10.	Justification for Work	Air conditioning system performance degraded. High repair/ maintenance cost of existing AC system due non availability of requisite spares.			
11.	Work Required	a	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		Conditioning system performance degraded.	Replacement of 04 x split AC	Remove all old fittings (AHUs and trunking)	All material, spares, tools, special equipment / tools, accessories etc required for said work are to arrange by the contractor
12.	Detailed scope of work	a	b	c	
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required	
		Replacement of 04 x split AC	Remove all old fittings (AHUs and trunking)	All material, spares, tools, special equipment / tools, accessories etc required for said work are to arrange by the contractor	
			Any damage occurs during the course of inspection work will be done by firm without any liability/ responsibility on part of the ship		
	Requirement of external services if any will be responsibility of the firm without any liability on the part of ship				
13.	Technical Specs	Daikin AC Floor Standing. 2.3 Ton.			
14.	Eligibilities	FBR register supplier.			
15.	EDC	14 working days.			
16.	Warranty	1 Year			
17.	Acceptance Criteria	a. Success trials by end user.			

IT NO: IT/80/10/2025-26
PROCUREMENT OF 15 X WOODEN TABLES ALONGWITH FOLDABLE STANDS, FRILLS
AND TABLE CLOTH - PMSS KASHMIR

S No	Details	
1.	Ships Name	PMSS KASHMIR
2.	Parent Equipment	Wooden Tables alongwith Foldable Stands, Frills and Table Cloth
3.	Origin	Pakistani
4.	Quantity	a. 15 x Wooden Table (4 x 2.5 feet each) b. 15 x Foldable Table Stands Aluminum c. 120 Feet Frills. d. 45 Meters Table Cloth
5.	Justification for Work	Critically required for OSD, Muscat (Oman) scheduled in Jan 26
6.	Technical Specs	Table Size 4 feet x 2.5 feet wooden Top with aluminum foldable stand and Cloth for Table Cloth & Frill.
7.	Eligibilities	Reputable Local Contractor
8.	EDC	15 Days
9.	Warranty	1 Year from date of delivery.
10.	Acceptance Criteria	Acceptance will be provided after confirmation of IT Specification.

IT NO: IT/80/11/2025-26
PROCUREMENT OF CHEST RANKS FOR CPOs/ SAILORS

S No	Details															
1.	Ships Name	HQ PMSA														
2.	Parent Equipment	PMSA Uniform Accessories														
3.	OEM	Local														
4.	Quantity	2700 Nos														
5.	Justification for Work	Procurement of Chest Rank for CPOs/ Sailors														
6.	Work Required	Procurement of Chest Rank for CPOs/ Sailors														
7.	Detailed scope of work	<table border="1"> <thead> <tr> <th align="center">c</th> <th align="center">d</th> </tr> <tr> <th align="center">Spares/ Items Required</th> <th align="center">Quantity Required</th> </tr> </thead> <tbody> <tr> <td>Chest Rank MCPO</td> <td align="center">350</td> </tr> <tr> <td>Chest Rank FCPO</td> <td align="center">350</td> </tr> <tr> <td>Chest Rank CPO</td> <td align="center">350</td> </tr> <tr> <td>Chest Rank PO</td> <td align="center">650</td> </tr> <tr> <td>Chest Rank Leading</td> <td align="center">1000</td> </tr> </tbody> </table>	c	d	Spares/ Items Required	Quantity Required	Chest Rank MCPO	350	Chest Rank FCPO	350	Chest Rank CPO	350	Chest Rank PO	650	Chest Rank Leading	1000
c		d														
Spares/ Items Required		Quantity Required														
Chest Rank MCPO		350														
Chest Rank FCPO		350														
Chest Rank CPO		350														
Chest Rank PO	650															
Chest Rank Leading	1000															
8.	Eligibility	Reputable local firm having relevant experience of providing Uniform Accessories to PNCSD														
9.	EDC	30 Days after Issuance of order														
10.	Warranty	06 Months after delivery														
11.	Acceptance Criteria	Accepted by Warehouse Staff														

IT NO: IT/80/12/2025-26
PROCUREMENT OF CROCKERY – PMSA WARDROOM

1.	Ship's Name	PMSA Wardroom		
2.	Parent Equipment	Crockery Items		
3.	Make	Alpha Stainless Steel		
4.	Origin	Pakistan		
5.	Store Required	S. No	Description	Qty
		1.	Water Glass	100
		2.	Wine Glass	100
		3.	Jug	20
		4.	Chef Dishes	20
		5.	Dish Spoon	20
		6.	Serving Tray (2 Set SS)	2
		7.	Serving Tray Set Wooden (1 Set)	1
		8.	Table Mats	24
		9.	Runners	4
		10.	Glass Coster	100
11.	Eligibilities	FBR and SBR Registered Firm		
12.	EDC	15 days		
13.	Warranty	01 Year		
14.	Acceptance Criteria	Upon acceptance and satisfaction of end user		

IT NO: IT/80/13/PM/ 2025-26
PROCUREMENT OF DEHUMIDIFIERS – HQ PMSA

1	Ships Name	PMSA Units
2.	Parent Equipment	Dehumidifier
3.	OEM	Prem-i-Air Appliance Ltd
4.	Model	Crown MD-395
5.	Origin	UK
6.	Quantity	40
7.	Eligibilities	FBR registered firm having relevant import and sourcing experience.
8.	EDC	15 x days
9.	Warranty	01 Year
10.	Acceptance Criteria	OEM certified item.

IT NO: IT/80/14/2025-26
PROCUREMENT OF WALKTHROUGH GATE - PMSS INDUS

S No	Details													
1.	Ships Name	PMSS INDUS												
2.	Parent Equipment	Walk Through Gate												
3.	Make	CEIA, Italy												
4.	Model	Hipe Multizone												
5.	Quantity	01												
6.	Assembly Component	Control Unit Malfunctioned												
7.	Justification for Work	Control Unit Malfunctioned												
8.	Work Required	Replacement of Control Unit												
9.	Work Description	Installation Of New Control Unit												
10.	Technical Specs	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Passage useful width</td> <td>32.3 inches (approx..820 mm)</td> </tr> <tr> <td>Control Unit Dimensions</td> <td>380 x 157 x 82 mm Weight: 1.9 KG</td> </tr> <tr> <td>Control Unit (stainless steel)</td> <td>387 x 178 x 80 mm Weight: 2 KG</td> </tr> <tr> <td>Power Supply</td> <td>100-240 VAC (or 115-230 v</td> </tr> <tr> <td>Operating Temp</td> <td>-20° C to +65° C</td> </tr> <tr> <td>Tolerance</td> <td>Upto 95% (non-condensing)</td> </tr> </table>	Passage useful width	32.3 inches (approx..820 mm)	Control Unit Dimensions	380 x 157 x 82 mm Weight: 1.9 KG	Control Unit (stainless steel)	387 x 178 x 80 mm Weight: 2 KG	Power Supply	100-240 VAC (or 115-230 v	Operating Temp	-20° C to +65° C	Tolerance	Upto 95% (non-condensing)
		Passage useful width	32.3 inches (approx..820 mm)											
		Control Unit Dimensions	380 x 157 x 82 mm Weight: 1.9 KG											
		Control Unit (stainless steel)	387 x 178 x 80 mm Weight: 2 KG											
		Power Supply	100-240 VAC (or 115-230 v											
		Operating Temp	-20° C to +65° C											
Tolerance	Upto 95% (non-condensing)													
11.	Eligibility	As per TCR The firm should be having good experience in repair/ Maintenance of such system/ Equipment.												
12.	Acceptance Criteria	Inspection by end user.												

IT NO: IT/80/15/2025-26

PROVISION OF TILES AND ACCESSORIES FOR WASHROOM - 93 PMSA SQN

S No	Details																											
1.	Ships Name	93 PMSA SQN																										
2.	Justification for Work	Provision of accessories for Washroom of 93 PMSA Sqn																										
3.	Work Required	<table border="1"><thead><tr><th align="center">a</th><th align="center">b</th></tr><tr><th align="center">Spares Required</th><th align="center">Quantity</th></tr></thead><tbody><tr><td>Tiles</td><td>250 Sq Meter</td></tr><tr><td>Matte Emulsion</td><td>02 x 16 Liter Buckets</td></tr><tr><td>Shower System</td><td>01</td></tr><tr><td>Commode</td><td>01</td></tr><tr><td>Basin</td><td>01</td></tr><tr><td>Mixer</td><td>01</td></tr><tr><td>Muslim Shower</td><td>01</td></tr><tr><td>Taps</td><td>05</td></tr><tr><td>Mirror</td><td>01</td></tr><tr><td>Washroom Accessories</td><td>01 Set</td></tr><tr><td>Hand Dryer</td><td>01</td></tr></tbody></table>	a	b	Spares Required	Quantity	Tiles	250 Sq Meter	Matte Emulsion	02 x 16 Liter Buckets	Shower System	01	Commode	01	Basin	01	Mixer	01	Muslim Shower	01	Taps	05	Mirror	01	Washroom Accessories	01 Set	Hand Dryer	01
		a	b																									
		Spares Required	Quantity																									
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		Muslim Shower	01																									
		Taps	05																									
		Mirror	01																									
		Washroom Accessories	01 Set																									
Hand Dryer	01																											
4.	Eligibilities	FBR Registered Firm																										
5.	EDC	Within 30 days																										
6.	Acceptance Criteria	Satisfactory standard of entire renovation as requirement of Sqn																										

IT NO: IT/80/16/2025-26
REPAIR MAINTENANCE OF 04 X EXHAUST FANS FWD & AFT ENGINE ROOM - PMSS
REHMAT

S No	Details																				
1.	Ships Name	PMSS REHMAT																			
2.	Parent Equipment	Exhaust and Ventilation System																			
3.	OEM	China																			
4.	Model	Local																			
5.	Origin	Pakistan Assembled																			
6.	Sub Equipment	Exhaust Fans for FWD and AFT engine room																			
7.	Assembly Component	Ventilation System																			
8.	Quantity	04 x Exhaust Fan																			
9.	Source of Availability	Local Market																			
10.	Justification for Work	Fan blades alongwith base angles and trunking is observed deteriorated due FWT.																			
11.	Detailed scope of work	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%; text-align: center;">a</th> <th style="width: 33%; text-align: center;">b</th> <th style="width: 33%; text-align: center;">c</th> </tr> <tr> <th style="text-align: center;">Detail of Repair Work Required</th> <th style="text-align: center;">Detail of Services Required</th> <th style="text-align: center;">Detail of Spares Required</th> </tr> </thead> <tbody> <tr> <td>04 x exhaust fan base angles nut bolts are to be replaced.</td> <td rowspan="7"> 1. All spares, special equipment / tools, accessories etc for repair/ maintenance for said work to be arranged by the contractor. 2. Any damage /in way removal/ defect / wear tear occur during the course of removal and installation of exhaust fans are to be repaired/ met by contractor. </td> <td>1. Carbon steel nuts and bolts.</td> </tr> <tr> <td>04 x Motors fan guards cover to be repaired/ replaced.</td> <td>2. Instrument gray paint work.</td> </tr> <tr> <td>04 x Motor connection and cable gland to be repaired/ replaced.</td> <td>3 Start/ stop push buttons</td> </tr> <tr> <td>Functional test of start/ stop mechanism to be carried out.</td> <td></td> </tr> <tr> <td>Trunking outlet flap and wired mesh to be repaired for safe operation.</td> <td></td> </tr> <tr> <td>04 x Motors bearings are to be replaced.</td> <td></td> </tr> </tbody> </table>	a	b	c	Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required	04 x exhaust fan base angles nut bolts are to be replaced.	1. All spares, special equipment / tools, accessories etc for repair/ maintenance for said work to be arranged by the contractor. 2. Any damage /in way removal/ defect / wear tear occur during the course of removal and installation of exhaust fans are to be repaired/ met by contractor.	1. Carbon steel nuts and bolts.	04 x Motors fan guards cover to be repaired/ replaced.	2. Instrument gray paint work.	04 x Motor connection and cable gland to be repaired/ replaced.	3 Start/ stop push buttons	Functional test of start/ stop mechanism to be carried out.		Trunking outlet flap and wired mesh to be repaired for safe operation.		04 x Motors bearings are to be replaced.	
a		b	c																		
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Trunking outlet flap and wired mesh to be repaired for safe operation.																					
04 x Motors bearings are to be replaced.																					
12.	Technical Specs		02 KW 380 Volts 3 phase 50Hz MS blades & angles MS trunking/ Mashroom																		
13.	Eligibilities	a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work. b. Firms not undertaking the visit onboard ship to see extent of work will not technically qualify. c. The firm must have sufficient experience of same kind of work.																			
14.	EDC	20 x days after issuance of work/ confirmation order.																			
15.	Warranty	01 x Year.																			
16.	Acceptance Criteria	02 KW 380 Volts 3 phase 50Hz MS blades & angles MS trunking/ Mashroom																			

		Smooth/ noiseless operation of fans with designed air exhaust. Acceptance by SS.
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IT NO: IT/80/17/2025-26

REPAIR/ REPLACEMENT OF 02 X FLAG LOCKERS & 02 X REFLECTORS LIGHT BASES - PMSS KASHMIR

S No	Details				
1.	Ships Name	PMSS KASHMIR			
2.	Parent Equipment	Flag locker and reflectors light bases			
3.	OEM	China			
4.	Origin	China			
5.	Sub Equipment	Flag locker and reflectors light bases			
6.	Assembly Component	Flag locker and reflectors light bases			
7.	Quantity	2 x Flag locker and 2 x Reflectors light bases			
8.	Justification for Work	Repair/ replacement of Flag locker and Reflectors light bases along with fabrication of metal plate covers above sockets at Bridge Wings			
9.	Work Required	A	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		Repair/ replacement of Flag locker and Reflectors light bases along with fabrication of metal plate covers above sockets	Repair/ replacement of Flag locker and Reflectors light bases along with fabrication of metal plate covers above sockets at Bridge Wings	Repair/ replacement of Flag locker and Reflectors light bases along with fabrication of metal plate covers above sockets at Bridge Wings	Nil
10.	Detailed scope of work	A	b	c	
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required	
		Repair/ replacement of Flag locker and Reflectors light bases along with fabrication of metal plate covers above sockets at Bridge Wings	Repair/ replacement of Flag locker and Reflectors light bases along with fabrication of metal plate covers above sockets at Bridge Wings	Nil	
11.	Eligibilities	Reputable local contractor having working experience in fabrication of metal works			
12.	EDC	10 x days			
13.	Warranty	a. 3 x year warranty after satisfactory trials/ test b. Material will be replaced if deformity or wear is developed during warranty period			
14.	Acceptance Criteria	Satisfactory work as per provided sample			
15.	Any other relevant Information	a. Contact SS/ visit onboard for clear understanding of scope of work b. Damage/ defect occurred to system during work is responsibility of contractor c. Dismantling/ assembling/ installation and in way removal work is responsibility of contractor			

IT NO: IT/80/18/2025-26

REPAIR/ REPLACEMENT OF COUPLING OF SSDG NO 3 - PMSS NUSRAT

S No	Details				
1.	Ships Name	PMSS NUSRAT			
2.	Parent Equipment	SSDG DUETZ			
3.	OEM	DUETZ			
4.	Model	TD 226-6			
5.	Origin	Germany			
6.	Sub Equipment	Resilient coupling			
7.	Assembly Component	Resilient coupling			
8.	Quantity	01			
9.	Justification for Work	Threads of resilient coupling b/w alternator and primover worn out, SSDG fail to produce excitation voltage during operation. New resilient coupling is to be installed for smooth operation			
10.	Work Required	a	b	c	
		Defect/ Routine List	Repair Work Required	Services Required	d Spares Required
		Threads of resilient coupling b/w alternator and primover worn out, SSDG fail to produce excitation voltage during operation	New resilient coupling is to be installed for smooth operation	New resilient coupling is to be installed for smooth operation	01 x Resilient Coupling
11.	Detailed scope of work	a	b	c	
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required	
		New resilient coupling is to be installed for smooth operation	a. Defective Resilient coupling is to be dismantled b. New resilient coupling is to be arranged c. New resilient coupling is to be fitted d. The firm will be responsible to undertake any work not covered above to ensure good quality of work. e. The firm will be responsible for welding/ cutting, if required f. The firm will arrange all spares, tools and accessories etc required for the same work. g. The firm will be	01 x Resilient Coupling	

		<p>responsible for requirement of external services</p> <p>h. The firm will be responsible for all removal, transportation and installation work during warranty/ guarantee period claims and in case of any re-work</p>	
12.	Technical Specs	Resilient Coupling	
13.	Eligibilities	<p>a. The firm should visit onboard and carry out inspection to establish the extent of required item</p> <p>b. The firm should having good experience of the same kind of work required onboard</p> <p>c. The firm should be NTN/GTN registered</p>	
14.	EDC	05 x working days after issuance of work/ confirmation order	
15.	Warranty	01 year from the date of acceptance	
16.	Acceptance Criteria	Successful full load trials of SSDG No 3	

IT NO: IT/80/19/ PM/ 2025-26

**REPAIR/ REPLACEMENT OF JRC JSS 2150 MF HF TRANSCEIVER TX/ RX SET - PMSS
REHMAT**

S No	Details				
1.	Ships Name	PMSS REHMAT			
2.	Parent Equipment	JRC (JSS 2150 MF/HF transceiver)			
3.	OEM	Maritech Co, Ltd			
4.	Model	JSS-2150			
5.	Serial No	MF/HF Transceiver-BS21301/NCM-2150 MF/HF Controller-67100			
6.	Origin	JAPAN			
7.	Sub Equipment	JRC (JSS 2150 MF/HF transceiver)			
8.	Assembly Component	JRC (JSS 2150 MF/HF transceiver)			
9.	Part No of Assembly Component	NTD-2150			
10.	Quantity	01 each			
11.	Justification of Work	Item is critically required for meeting operational requirement of equipment onboard ship.			
12.	Work Required	a	B	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		JRC (JSS 2150 MF/HF transceiver)	Repair/ replacement of JRC (JSS 2150 MF/HF transceiver)	Repair/ replacement of JRC (JSS 2150 MF/HF transceiver) Set and complete installation upto satisfactory operation	JRC (JSS 2150 MF/HF transceiver)
13.	Detail scope of Work	a	b	c	
		Detail of Repair Work Required	Detail of Services Required	Detail of Spares Required	
		Following is scope of work: a. Repairs/ replacement and complete installation of defective JRC (JSS 2150 MF/HF transceiver) Set. b. Satisfactory operation of complete JRC (JSS 2150 MF/HF transceiver) Set.	a. Repair/ replacement of JRC (JSS 2150 MF/HF transceiver). b. Complete testing of system. c. Relative technical and operational manuals. d. Configuration with ATU. e. Growth work initiated if required.	a. JRC (JSS 2150 MF/HF transceiver). b. 24V DC power supply.	

14.	Technical Specs	Power input: 21,6V to 31.2 V DC/30A Freq 1605.0-29999.9 kHz Power output: 150W Temp. -25°C to 70 °C
15.	Eligibilities	<p>Following is eligibility criteria:</p> <ul style="list-style-type: none"> a. The firm should visit onboard to understand 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 similar kind of work. d. NTN/GST registered. e. Any component/ item required during rectification may be provided by firm. f. Firm to provide services for JRC (JSS 2150 MF/HF transceiver) set for rectification of similar defects during warranty period. g. Any other work required to ensure the good quality and optimum performance of work. h. Firm to ensure satisfactory operation of complete system.
16.	EDC	02 x Week
17.	Warranty	1 x Year warranty after HATs/ SATs.
18.	Acceptance Criteria	HATs/ SATs

IT NO: IT/80/20/2025-26
REPAIR/ REPLACEMENT OF STEERING MOTORS CONTROL PANEL BRIDGE - PMSS
KOLACHI

S No	Details				
1.	Ships Name	PMSS KOLACHI			
2.	Parent Equipment	BRIDGE CONTROL CONSOLE			
3.	OEM	JINZHOU HANGXING SHIP TECHNOLOGY CO, LTD.			
4.	Model	Integrated bridge control console			
5.	Origin	China			
6.	Sub Equipment	Steering Remote Panel F.Motor starter (MR200B)			
7.	Assembly Component	Steering Remote Panel F.Motor starter (MR200B)			
8.	Part No. of Assembly Component	S No	NSN/ Part No	Description	Qty
		c.	(Supplied by shipyard)	Steering Remote Panel F. Motor starter	1
9.	Justification for Work	Steering control panel at Bridge found defective. RxR required.			
10.	Work Required	a	b	c	d
		Defect/ Routine List	Repair Work Required	Services Required	Spares Required
		Steering control panel at Bridge found defective	Repair/ Replacement of Steering control panel at Bridge.	Inspection, Repair/ Replacement of Steering control panel at Bridge for sat ops.	As per S No 9
11.	Detailed scope of work	Details of Repair Work Required	Details of services Required	Details of Spares Required	
		Repair/ Replacement of Steering control panel at Bridge.	Inspection, Repair/ Replacement of Steering control panel at Bridge for sat ops.	As per S No 9	
12.	Technical Specs	As per sample			
13.	Eligibility	Reputable local/ international contractor registered with FBR and having working experience with PMSA.			
14.	EDC	30 Days after award of contract			
15.	Warranty	01 Year			
16.	Acceptance Criteria	a. OEM Certified items b. All BER items to be replaced with new c. Firm will not be allowed to use ship tools and manpower			

IT NO: IT/80/21/2025-26 PM
REQUIREMENT OF HIRED TRANSPORT 3 TONNER TRUCK FOR TRANSPORTATION OF
GOODS TO PMSA BASES KETI BANDAR

S No	Details	
1.	Ships Name	EASTERN WING/ Keti Bandar Base
2.	Model	ISUZU/ HINO/ TOYOTA/ HYUNDAI/ MAZDA
3.	Origin	Pakistan
4.	Quantity	01
5.	Justification of Work	Civil mini truck hired for provision of fresh ration and goods to PMSA Base Keti Bandar twice in a month (every 15 x days)
6.	Technical Specs	Any suitable mini truck (preferably 03 tonner) for provision of fresh ration and goods to PMSA Base Keti Bandar twice in a month (every 15 x days)
7.	Eligibilities	Firm having prior experience of Hired Transport preferably having experience of working with EHQ(N) will be preferred.
8.	EDC	Till completion of work as per requirement

IT NO: IT/80/22/2025-26
REQUIREMENT OF SPARE PARTS FOR OVERHAULING OF 85, 90 & 300 HP YAMAHA
OBM ENGINES OF FRB (EASTERN WING) - BMG

S No	Details																																																																																																										
1.	Ships Name	HQ PMSA PMSS BMG																																																																																																									
2.	Parent Equipment	OBM Engine																																																																																																									
3.	OEM	YAMAHA (JAPAN)																																																																																																									
4.	Model	YAMAHA 300 HP.90HP AND 85 HP OBM Engine																																																																																																									
5.	Serial No	NIL																																																																																																									
6.	Origin	YAMAHA																																																																																																									
7.	Sub Equipment	OBM Engine spares																																																																																																									
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13.	Technical Specs	300,90 and 85 HP YAMAHA OBM Engines spares																																																																																																									
14.	Eligibility	Firms registered with HQ PMSA																																																																																																									
15.	EDC	15 working days																																																																																																									
16.	Acceptance Criteria	Satisfactory test and trials																																																																																																									

IT NO: IT/80/23/ PM/ 2025-26
REQUIREMENT OF SPARES CONSUMABLES FOR OVERHAUL OF LANDING GEARS -
93 PMSA SQN

S No	Details				
1.	Ships Name	93 PMSA SQN			
2.	Parent Equipment	Defender BN-2T Aircraft			
3.	OEM	Britten Norman Aerospace Ltd.			
4.	Model	BN2T			
5.	Origin	UK/ AS per OEM country			
6.	Sub Equipment	Defender BN-2T Aircraft Main and Nose Landing Gears spares			
7.	Assembly Component	Defender BN-2T Aircraft Main and Nose Landing Gears			
8.	Part No. of Assembly Component	S No	NSN/ Part No	Description	Qty
a.		AIR 109470	PLUG OIL	12	
b.		AIR 109832	DOWEL	24	
c.		AIR 46112	SEAL	06	
d.		AIR SP90C5	PIN SPLIT	06	
e.		AIR 24768	SPRING	06	
f.		SP4ZA5	PIN CLEVIS	06	
g.		SP 90C3	PIN SPLIT	06	
h.		AIR 109544	RING PISTON	06	
j.		ADS 312A1-6	PIN SELF LOCK	06	
k.		AIR 66114	SEAL	06	
l.		ADS219-72	RING FABRIC	06	
m.		AIR109540	BEARING	06	
n.		AIR45930	SEAL	06	
p.		AIR111958	RING BACKING	12	
q.		SP116	NIPPLE GREASE	08	
r.		AI R114076	PIN	06	
s.		AIR 114078	BUSH	12	
t.		AIR 115276	SHIM	06	
u.		ADS-312A-102	PIN SELF LOCK	06	
v.		SP117	NIPPLE GREASE	06	
w.		AIR155678	BOLT SHEAR	06	
x.		SP90E8	PIN SPILT (PRE MOD SB 32-307)	08	
y.		AI R127448	WASHER (POST MOD)	06	
z.		AIR109570	WASHER	06	
aa.		AIR 115288	SHIM	06	
bb.		AIR 127446	WASHER	06	
cc.		D931	CORE	06	
dd.		AIR45932	SEAL	06	
ee.		AIR14950	VALVE INFLATION	06	
ff.	AIR 14948	BODY	02		
gg.	AIR 155672	HEAD GAS	02		
hh.	AIR 111456	STOP SEPARATOR	06		
jj.	AIR 158260	COLLAR	03		
kk.	AIR157752	HEAD OIL	06		
ll.	AIR 67274	NUT RETAINING	06		

		mm.	AIR 115616	RETAINING	06
		nn.	AIR 110218	PLATE FLUTTER	06
		pp.	AIR 118948	BEARING PISTON	06
		qq.	AIR 115292	PLUNGER	03
		rr.	AIR 157754	CYLINDER	03
		ss.	ADS512A106	PIN SET LOCK	06
		tt.	AIR 46114	SEAL	06
		uu.	AIR 111454	SEPRATOR	06
		vv.	AIR 114080	LINK TORQUE	06
		ww.	AIR 155796	PIN	06
		xx.	SP90E7	PIN SPLIT	06
		yy.	AIR 127456	BUSH	12
		zz.	AIR 127450	SLEEVE	03
		aaa.	AIR 127452	LINER	06
		bbb.	AIR 115280	BRACKET	06
		ccc.	AIR 7330	CAP	06
		ddd.	AIR 116516	TUBE PLUNGER	03
		eee.	AIR 109836	BOLT	0
		fff.	AIR 123060	BUSH	06
		ggg.	AIR 109566	PIN HING	02
		hhh.	AIR 109562	BUSH	02
		jjj.	A-102-21G	BOLT	02
		kkk.	JS5A	JOINTING COMPOUND	04
		lll.	PR 1422A2	SEALING COMPOUND	12
		mmm.	MIL-C16173	COMPOUND CORROSION PREVENTIVE	20
		nnn.	MIL-H-5606	HYDRAULIC OIL	50
		ppp.	GENKLENE	CLEANING COMPOUND	20
9.	Quantity	As mentioned against each			
10.	Source of availability	OEM or OEM authorized aviation vendors			
11.	Justification for Work	Spares replacement required on Defender BN2T aircraft for overhaul of Landing Gear.			
12.	Work Required	a	b	c	d
		Defect List	Repair Work Required	Services Required	Spares Required
		Consumable/ once use item	Nil	Spares replacement for Defender BN-2T aircraft for overhaul of Landing Gear	As per para 9
13.	Detail scope of Work	a	b		c
		Detail of Repair work Required	Details of Services Required		Details of Spares Required
		Nil	Spares replacement for Defender BN-2T aircraft for overhaul of Landing Gear		As per para 9
14.	Technical Specs	As per Para 9a-III			
15.	Eligibilities	a. Replacement of items are to be delivered in New Condition only, from OEM or OEM authorized aviation vendors.			
		d. Firms have to provide authorization letter of their principal firms and bank statement of last 1 x year of their firm.			
		e. Firms must have at least 2 x years' experience of			

		<p>procurement/repair/overhaul of Aviation components/spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory.</p> <p>f. Firms need to include freight charges/ insurance/ custom duties for transportation of the spares.</p> <p>g. Firms need to get import/ export licenses from respective abroad firms/ agencies (where applicable). Furthermore, firm will be sole responsible for transportation.</p> <p>h. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time.</p> <p>i. Offered quotes are to be firm and final. No adjustments against Foreign Exchange rate variations will be accommodated.</p>
16.	EDC	08 weeks after award of contract
17.	Warranty	01 Year
18.	Acceptance Criteria	<p>a. Satisfactory physical condition and operational check of items (where Applicable).</p> <p>b. Items part numbers should be identical to the part numbers mentioned against each item in IT Specification. Alternatively, OEM letter for change in Part No may also be provided.</p> <p>c. Provision of OEM certification from EASA/ FAA (if applicable).</p> <p>d. Provision of import documents.</p> <p>e. Items having shelf life/ expiry date should be within 6-8 weeks for date of manufacturing.</p>

IT NO: IT/80/24/2025-26 PM
PROCUREMENT OF SPARES CONSUMABLES FOR SB-190 OF DEFENDER AIRCRAFT
2242 & 2246 - 93 PMSA SQN

S No	Details				
1.	Ships Name	93 PMSA SQN			
2.	Parent Equipment	Defender BN-2T Aircraft			
3.	OEM	Britten Norman (BN2T)			
4.	Origin	UK/ USA/ AS PER OEM COUNTRY			
5.	Sub Equipment	Defender BN-2T Aircraft components/ spares			
6.	Assembly Component	Defender BN-2T Aircraft components/ spares			
7.	Spares/ Items Required	S No	NSN/ Part No	Description	Qty
		d.	NB-45-1359	CABLE ASSY LH	1
		e.	NB-45-1361	CABLE ASSY BALANCE R/H	1
		f.	46267	WASHER FRICTION	10
		g.	BAS185-H2-15	CHAFFING STRAP	10 FT
		h.	6875640	TUBE ASSY, PRESSURE OIL ACCESSORY HOUSING TO REDUCTION GEARBOX	2
8.	Technical Specs	Islander Illustrated Parts Catalogue Publication Reference No. PC/4 Volume-I & Rolls- Royce 250-B17 Series Illustrated Parts Catalogue			
9.	Eligibility	<p>a. Procurement of items are to be delivered in New Condition only, from OEM or OEM authorized aviation vendors</p> <p>b. Firms have to provide authorization letter of their principal firms and bank statement of last 1 x year of their firm.</p> <p>c. Firms must have at least 2 x years' experience of procurement/repair/overhaul of Aviation components/ spare parts. Experience certificate of Aviation related contracts by contracting agency in Pakistan is mandatory.</p> <p>d. Firms need to include freight charges/ insurance/ custom duties for transportation of the propeller.</p> <p>e. Firms need to get import/ export licenses from respective abroad firms/ agencies (where applicable). Furthermore, firm will be sole responsible for transportation.</p> <p>f. In case of failure to meet acceptance criteria or defect during physical/ operational inspection of items, firm is liable to get the items replaced/ repaired on FoC basis in shortest possible time.</p> <p>g. Offered quotes are to be firm and final. No adjustments against Foreign Exchange rate variations will be accommodated.</p>			
10.	EDC	08 weeks after award of contract			
11.	Warranty	01 Year			
12.	Acceptance Criteria	<p>a. Satisfactory physical condition and operational check of items (where Applicable).</p> <p>b. Items part numbers should be identical to the part numbers mentioned against each item in IT Specification. Alternatively, OEM letter for change in Part No may also be provided.</p>			

		<ul style="list-style-type: none">c. Provision of OEM certification from EASA/ FAA (if applicable).d. Provision of import documents.e. Items having shelf life/ expiry date should be within 6-8 weeks for date of manufacturing.
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Note: 100% Payment after completion by CNA

Director General
Pakistan Maritime Security Agency
Plot No 34-A, Dockyard Road
KARACHI
Telephone 021-48509194
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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 alongwith 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 alongwith essential Literature / Brochures. The word “Commercial Offer”, tender number should be clearly mentioned on the envelope. Taxes, duties, freight / transportation, insurance charges etc if any are to be indicated separately. Total price of the items quoted against the tender os to be clearly mentioned. It should also contain a **pay order 2% 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.

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

PREPARATION OF QUOTATION

Please prepare quotation in this format In case of GST @ 18% or SST @ 15%:

S No	Description	Unit Price	Qty	Total GST @18% or SST @ 15%	Total Price
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Please prepare quotation in this format In case of without GST or SST:

S No	Description	Unit Price	Qty	Total	Total Price
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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. EARNEST MONEY:

All participating firms are to provide earnest money in form of pay order alongwith bids. **Registered firms 2% of complete value (inclusive of all prices and taxes). Non registered firms 5% of complete value (inclusive 5% of all prices and taxes).** Firms disqualifying in technical opening/ Commercial opening will be returned their earnest money upon award of work order/ LPO/ Contract to qualifying Firm.

9. TENDER FEE:

Each technical offer must be accompanied with Cash of **Rs.7,500/-** for two stage and **Rs 2,000/-** for single stage nonrefundable as tender fee (In favor 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. For provision of stores/ repair or replacement work wherein Two Stage bidding i.e technical opening is required, Inspection of same will be carried out through reputed third party labs i.e SGS, PNCTA and TTI etc. For inspections carried out in two stage bidding, charges for inspection will be borne by supplying firm.

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 Bills for further processing of the same for payment:

- a. 10% of total amount of Contract, 5% of total amount of LPO/ Work Order.
- b. Certificate of Conformity (CoC) required.
- c. QA/ QC certificate required in respect of technical items.
- d. Survey Copy of unserviceable items duly verified/ signed by BSO PMSS INDUS.

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 and 5% of LPO/ Work Order (excluding taxes, duties / freight handling charges on a stamp paper of the value 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(l).

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