

# SEPARATE QUOTATIONS REQUIRED FOR ATTACHED 03 x IT SPECIFICATIONS

**IT NO: IT/52/01/2024-25**

**PMSA 93 SQN**

**IT SPECIFICATION FOR REPAIR/ REPLACEMENT OF 2 x BENDIX KING KX165A VHF SETS (PART NO 069-01033-0201) – DEFENDER AIRCRAFT**

1.	Ship's Name	93 SQN
2.	Parent Equipment	Defender BN-2T
3.	Sub Equipment	VHF Communication System
4.	Assembly Equipment	KX-165A BENDIX KING KX165A VHF Sets (Part No 069-01033-0201)
5.	Make	Bendix King (USA)
6.	Model	KX-165A
7.	Quantity	02
8.	Justification	Repair/ replacement required due degraded functionality of held system
9.	Work Required/ Defect	Repair/ replacement of 2 x KX-165A BENDIX KING VHF Communication Sets (Part No 069-01033-0201)
10.	Detailed Scope of Work (Req from Repair Agency)	Repair/ replacement of 2 x KX-165A BENDIX KING VHF Communication Sets (Part No 069-01033-0201)
11.	Technical specs (if any)	-
12.	Eligibilities Criteria	<p>a. Item is to be repaired through replacement in NEW condition, only from OEM or OEM Authorized Maintenance Centre (AMC).</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>
13.	EDC	02-04 weeks after award of contract
14.	Warranty	01 Year
15.	Acceptance criteria (if any)	<p><b>General Checks</b></p> <p>a. Satisfactory physical condition/ inspection.</p> <p>b. Satisfactory operational check on Aircraft.</p> <p>c. Provision of OEM certification form EASA/FAA.</p> <p>d. Provision of Maintenance/ Operational Manual</p> <p><b>Ground Check Post Installation on aircraft Ground Checks:</b></p> <p>a. Item must be capable of Communication with ATC</p> <p>b. Item must be capable of NAV Frequency operation with beacon (VOR Station) for both Audio and Bearing</p> <p>c. Item must have accurate Radial bearing on NAV portion for selected frequency</p> <p>d. Item must have proper Volume Control and Noise Free Operation</p> <p>e. Item must have satisfactory ground testing</p> <p><b>Flight Checks:</b></p> <p>a. Item must have Noise Free Communication and Proper volume control</p> <p>b. Item must be capable of NAV Frequency operation with beacon (VOR Station) &amp; ILS for both Audio and Bearing</p> <p>c. Item must have accurate Radial bearing on NAV portion for selected frequency</p> <p>d. Item must have satisfactory Glide Slope operation</p> <p>e. Item must be capable for ILS operation</p>
16.	Any other relevant information	-

**IT NO: IT/52/02/2024-25**

IT SPECIFICATION FOR CONDUCT OF 7500 HOURS (TOH) ROUTINE OF 02 X MTU MAIN ENGINES NO 1 AND NO 2 – PMSS DASHT.					
S No	Description				
1.	Parent Equipment	Ship's Propulsion Plant			
2.	Sub-equipment	Main Diesel Engines MTU			
3.	Assembly equipment	02x Main Engines MTU 16V 4000 M73L			
4.	Make	MTU 16V4000M73L	5.	Model	16V4000M73L
		Germany			
6.	Quantity	02	7.	Justification	7500HOURS PMS ROUTINE (TOH) PMS No 3-1118-0001 & 2 MOP No 028 Up to 059
9.	Detailed scope of work	a. Before starting maintenance work, carry out test run and record operating parameters. Then drain coolant b. Check buffer clearance of resilient mounts and check proper seating of securing screws. c. Replace engine coolant clean and pressure test cooler inspect it for leaks d. Clean air ducting, air intake and exhaust galley clean intercooler and inspect for leakage e. Clean engine oil cooler, pressure test and inspect it for leaks f. Clean engine gear box oil cooler, pressure test and inspect it for leaks g. Overhaul engine coolant pumps, Raw water pump, bilge pump and Turbo charger h. Replace Injectors with new injectors. i. Inspect cylinder chambers using endoscope. j. Inspect/servicing rocker arms, Valve Bridge for wear and valve adjustment. k. Check operation of diverter valve l. Fit new seals/sealing materials for all disassembled components m. Visually inspects piston crowns and wears pattern on cylinder liner running surfaces overhaul cylinder heads. n. Replace engine oil, cyclone-type filter element, air filter element, centrifugal, oil filter, fuel pre filter, duplex filter and candles filter o. Check/Repair Engine wiring p. Limit switch for start interlock. q. Checking plug connections engine control unit ECU 7. r. Engine monitoring unit emu 8 - plug connections check. s. Inspection of lop and connectors and interface module plug connections t. Check all sensors, safeties, Fit new high-pressure fuel sensor check engine coolant thermostat and fit new thermostat actuator u. Overhaul air starter. v. Inspection of engine mounting and carry out vibration analyzing w. Firm is responsible for All parts and in way accessories removal, Re-installation shifting and safety of men and material during work x. Providing of all new spare parts, oil and coolant (OEM specified only) are responsibility of the firm y. Only OEM recommended spares/ components are to be used by the firm. z. Any growth work during conduct of routines will be soul responsibility of the contractor.			
8.	Work required/ Defect	Conduct 7500 hours (TOH) PMS Routine of 02 x Main Engines MTU.			
10.	Technical specs	As per OEM Manual/ Specs			
11.	Eligibility criteria	Reputable local contractor (OEM certified only) with valid certification from MTU.			
12.	EDC	15 days			
13.	Warranty	01 year (After Satisfactory report of VA, HATs and SATs).			
14.	Acceptance criteria	a. Conducting of complete PMS 7500 hours Routine. b. Satisfactory report VA, HATs & SATs. c. Firm will be onboard during HATs and SATs. d. Complete report of lama profile.			
15.	Any other information	Coordinate with Ship staff.			

**IT NO: IT/52/03/2024-25**  
**CDR EASTERN WING**

IT SPECIFICATIONS – PROCUREMENT OF PNEUMATIC BUOYANCY TUBE (COLLAR) C																																																														
ZHB-02 – OSRON 23																																																														
1.	Ship's name	Zodiac Hurricane Boat – 02 (Length 11.5 Meters)																																																												
2.	Parent equipment	Aluminum Hull (Identification Number CA- XMP11030B616)																																																												
3.	Sub equipment	Pneumatic Buoyancy Tube (Collar)																																																												
4.	Assembly component	Pneumatic Buoyancy Tube (Collar)																																																												
5.	Make/ origin	Zodiac Hurricane Technologies Delta, B.C, CANADA																																																												
6.	Model	H1100 OB MACH II																																																												
7.	Quantity	01 in number																																																												
8.	Justification i.e PMS/ Failure/ FWT etc	Pneumatic Buoyancy Tube (Collar) degraded resultantly, air leakages being observed from various places (within sections and chambers) due deterioration of collar fabric/ polyethylene rubber.																																																												
9.	Work Required/ Defect	Procurement of 01 x Pneumatic Buoyancy Tube (Collar) (Part Number TA1100CP090B-B) alongwith accessories mentioned at S No 11.																																																												
10.	Detail Scope of Work	Procurement of 01 x Pneumatic Buoyancy Tube (Collar) (Part Number TA1100CP090B-B) alongwith accessories mentioned at S No 11.																																																												
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12.	Eligibilities	Any well reputed local/ international firm having expertise for procurement of Pneumatic Buoyancy Tube (Collar)																																																												
13.	EDD	90 Days																																																												
14.	Warranty	01 x Year after completion of work.																																																												
15.	Acceptance Criteria	a. Inspection of all replaced parts by end user. b. Successful trials by end user after onboard installation.																																																												
16.	Any other relevant information	Nil																																																												

**Note: 100% Payment after completion by CNA**

**Director General**  
Pakistan Maritime Security Agency  
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Fax 99214625  
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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.5,000/-** for two stage and **Rs 1,000/-** for single stage nonrefundable as tender fee (In favour of IT Sale Account DG PMSA) (**Separate Quotations required for each IT Specification**).

**10. INSPECTION AUTHORITY:**

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

**25. PAYMENT:**

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

**26. PARTIAL ORDER:**

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

**27. DISQUALIFICATION:**

Offers are liable to be rejected if:-

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