

CONDUCT OF PMS ROUTINE OF 05 X AHUS – PMSS KAHMIR

IT SPECIFICATION: CONDUCT OF 2A PMS ROUTINE OF AHUs

13

1.	System	Marine Indirect Air Handling Unit	
2.	Sub system	Air Handling Unit	
3.	Assembly Component	Misc	
4.	Make	Jiangsu Zhaosherg Air Conditioner Co.Ltd China	
5.	Model	TMU(W)-90, 101, 101, 50, 23	
6.	Quantity	05	
7.	Justification i.e PMS/ Failure/ FWT etc	2A PMS Routine	
8.	Work Required/ Defect	Conduct of 2A PMS routine of all ATUs	
9.	Scope of Work	(i). Complete overhauling of Units (as per enclosed JIC) (ii). Spares required to conduct the routines to be provided by firm	
10.	Technical Specs	Cooling Capacity	23-101 KW (as per model)
		Air Volume	11-5800 m ³ /h (as per model)
		Weight	400-1300 Kgs
		Material	Copper
		Height :	3 feet
		Width	9.5 inch
		Length:	3 feet 7 inch
11.	Eligibility Criteria	(i). Have experience to work for ships (preferably PMSA ships). (ii). Company must be certified with HQ PMSA. (iii). Company must be Income and Sales tax registered. (iv). Company must have good experience of repair/ maintenance of AHU/ ATUs.	
12.	EDC	04 weeks after confirmation of order	
13.	Warranty	01 year	
14.	Acceptance Criteria (if any)	Satisfactory trials of all ATUs upto required air volume and chilled water capacity	
15.	Any other relevant information	Firm must visit onboard before providing quotation (Contact: 0321-3000503)	

IT NO : IT/20/02/2024-25

IT SPECIFICATION – RESTORATION/ REPLACEMENT OF CONTROL AND MONITORING SYSTEM OF 04 X MAIN ENGINES - PMSS REHMAT

S No	IT Specification	
1.	Parent Equipment	Main Engine MTU 16 V 396 TB 93
2.	Sub Equipment	CONTROL AND MONITORING SYSTEM
3.	Assembly Component	Throttle control, Semi control and Monitoring panel
4.	Make	MTU Germany
5.	Model	16V396TB93
6.	Quantity	04 in No in MCR & 04 in No at Bridge (each)
7.	Justification i.e PMS/ Failure/ FWT etc	Control and Monitoring system observed malfunctioning during operation due F.W.T/ old vintage
8.	Work required/ Defect	Throttle, semi control and monitoring system are to be restored/ upgrade for satisfactory operation of min engines
9.	Technical Specification	<ul style="list-style-type: none">a. 04 X Throttle control lever at MCRb. 04 X Semi control panel at MCRc. 04 X Throttle control lever at Bridged. 04 X Semi control panel at Bridgee. 04 X Monitoring panel at MCRf. 04 X Monitoring panel at Bridgeg. Calibration/ synchronization of throttle, semi control and monitoring system with engine RPM
10.	Scope of work	<p>Following work is required to be undertaken for the restoration/ replacement of control and monitoring system:</p> <ul style="list-style-type: none">a. Restoration/ replacement of monitoring and control system in MCR & Bridgeb. Wiring to be checked and replaced as marine version.c. Lugs and breakers are to be replaced.d. ECM/ RCM to be restored/ replaced.e. 08 x RPM meter to be calibrated with control and monitoring system.f. All sensors and switches of main engine are to be synchronized with control module.g. Engine starting/ stopping, engage/ disengage of clutch, emergency shut down and safeties indication to be made available in MCR and Bridge.h. All control TBs (Terminal boxes) are to be replaced.j. All branded spares (marine version) are to be used having Part No/ NSN No with complete technical specifications for further availability of spares.k. Part Catalogue and Technical Manual of equipment be provided.l. Beep/ tone sound including warning and shutdown alarm/ buzzer are to be made available.m. Firm must provide testing/ safety and calibration certificate for all panels an supply distribution boxes.

		<p>n. All spares, tool, special equipment/ tools, accessories etc. required for said restoration/ replacement are to be arranged by firm.</p> <p>p. Provision of buzzer/ indication of control at MCR/ Bridge.</p> <p>q. Any damage/ defect/ wear tear occur during the course of removal, repair and installation of system/ equipment will be repaired/ met by firm.</p>
11	Eligibility Criteria	<p>a. The firm must visit onboard and carry out diagnosis/ inspections to establish the extent of required work.</p> <p>b. Firms not undertaking the visit onboardship to see extent of work will not technically qualify.</p> <p>c. The firm must have sufficient experience of same kind of work and experience of control/ monitoring system of MTU.</p>
12	EDC	30 x Working Days after issuance of work/ confirmation order
13	Warranty	02 Years for service and 01 year of parts after completion of work and successful trials.
14	Acceptance criteria	<p>a. 04 X Throttle control lever at MCR</p> <p>b. 04 X Semi control panel at MCR</p> <p>c. 04 X Throttle control lever at Bridge</p> <p>d. 04 X Semi control panel at Bridge</p> <p>e. 04 X Monitoring panel at MCR</p> <p>f. 04 X Monitoring panel at Bridge</p> <p>g. Calibration/ synchronization of throttle, semi control and monitoring system with engine RPM</p> <p>h. Satisfactory operation of equipment</p> <p>j. Acceptance by SS</p>
15	Any other relevant information	-

Note: 100% Payment after completion by CNA

Director General

Pakistan Maritime Security Agency

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E-Mail dpcc@pmsa.gov.pk**INVITATION TO TENDER GENERAL INSTRUCTIONS****1. CONDITIONS GOVERNING CONTRACT:**

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

2. SUBMISSION OF TENDER:

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

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

b. **COMMERCIAL OFFER:** The price be quoted in figures as well as in words along with essential Literature / Brochures. The word "Commercial Offer", tender number should be clearly mentioned on the envelope. Taxes, duties, freight / transportation, insurance charges etc if any are to be indicated separately. Total price of the items quoted against the tender is 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 along with changed offer / conditions. Tender may however be liable to be rejected.

PREPARATION OF QUOTATION

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

S.NO	Description	Unit Price	Qty	Total	GST @ 18% or SST @ 15%.	T/Price

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

S.NO	Description	Unit Price	Qty	Total	T/Price

Without this format quotation will not be accepted.

3. DATE AND TIME FOR RECEIPT OF TENDER:

Tender must be dropped in tender Box placed at main gate. HQ PMSA will not accept any excuse of delay occurring due to whatsoever reason. Tender received after the time indicated in IT will not be entertained. The tender opening time, however, fall on next working day in case of closed / forced

holiday or any other unforeseen event. Only authorized representatives of firm will be allowed to attend tender opening. **The tender received through Fax, E-Mail will not be acceptable.**

4. TENDER OPENING:

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

5. VALIDITY OFFER:

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

6. QUOTING OF RATES:

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

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

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

8. RETURN OF EARNEST MONEY:

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

9. TENDER FEE:

Each technical offer must be accompanied with Cash of **Rs.5,000/-** nonrefundable as tender fee (In favour of IT Sale Account DG PMSA).

10. INSPECTION AUTHORITY:

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

11. CONDITION OF STORES:

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

12. DOCUMENTS REQUIRED:

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

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

13. SECURITY DEPOSIT / BANK GUARANTEE:

To ensure timely and correct supply of stores the firm will furnish an unconditional Bank Guarantee (BG) from a schedule bank for an amount of **10%** of the contract value (excluding taxes, duties / freight handling charges on a stamp paper of the value of (Rs.100/00) as per prescribed format in the shape of

Bank Guarantee. Format of Bank Guarantee is at Annex „B“.

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.

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. Manufacturer'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 later.