



# **KHULNA SHIPYARD LIMITED**

## **BANGLADESH NAVY, KHULNA**

PHONE NO: PABX 02-47772003

E-mail: [oiiccomf.ksy@gmail.com](mailto:oiiccomf.ksy@gmail.com) , Web: [www.khulnashipyard.gov.bd](http://www.khulnashipyard.gov.bd)

BABE (F) – 632/IPMV/2025-2026

DATE: 01 JULY 2025

### **TENDER NOTICE**

01	Procuring Entity Name	Khulna Shipyard Limited, Bangladesh Navy, Khulna
02	Invitation For	<b>A.</b> Insulation and Paneling, Mechanical Ventilation <b>B.</b> আমদানীকৃত মালামাল চট্টগ্রাম বন্দর হতে খুলনা শিপইয়ার্ড পর্যন্ত ট্রাক ও কন্ডাক্টর এর মাধ্যমে পরিবহণ কাজ
03	Invitation Reference No.	<b>A.</b> BABE (F) –632/IPMV/2025-26 DATE:01 JULY 2025 <b>B.</b> বাবি (এফ)- ১৩/পরিবহণ/২০২৫-২০২৬ তারিখ ০১ জুলাই ২০২৫
04	Procuring Method	Open Tender ( <b>A.</b> Double Envelop <b>B.</b> Single Envelop)
05	Budget & Source of Funds	Khulna Shipyard Limited Fund
06	Tender Last Selling Date	<b>A.</b> 30 July 2025 <b>B.</b> 09 July 2025
07	Tender Closing Date & Time	<b>A.</b> Date: 31 July 2025 Time:1115am <b>B.</b> Date: 10 July 2025 Time:1115am
08	Tender Opening Date & Time	<b>A.</b> Date: 31 July 2025 Time:1130am <b>B.</b> Date: 10 July 2025 Time:1130am
09	<b>Name &amp; Address of the Office for Selling of Tender Documents:-</b>	
	(i) Cash Section, Khulna Shipyard Ltd. Bangladesh Navy, Khulna.	
	(ii) Naval Store Sub Depot, Khilkhet Nama Para, Khilkhet, Dhaka.	
	Receiving & Opening Tender	<b>Khulna Shipyard Ltd, Bangladesh Navy, Khulna</b>
	(Tenderer's and their Authorized Representatives are allowed to attend)	
10	Price of Tender Document	<b>A.</b> Per set Tk 2,000.00 (Non-refundable) <b>B.</b> Per set Tk 500.00 (Non-refundable)
11	Contact Details of Official	Mob: +8801674950715 Email: <a href="mailto:oiiccomf.ksy@gmail.com">oiiccomf.ksy@gmail.com</a>
12	Special Instructions	The Procuring Entity reserves the right to reject all or any Tenders prior to acceptance without showing any reason.

**Manager Admin**



# **KHULNA SHIPYARD LIMITED**

## **BANGLADESH NAVY, KHULNA**

**PHONE NO: PABX 02-477720003**

**E-mail: [oiocomf.ksy@gmail.com](mailto:oiocomf.ksy@gmail.com) , Web: [www.khulnashipyard.gov.bd](http://www.khulnashipyard.gov.bd)**

### **IMPORTANT POINT**

1. **TENDER NO: BABE (F) - 337/IPMV/2025-2026 DATE: 01 JULY 2025**
2. **DUE FOR OPENING ON:** 31 JULY 2025.
3. **PRICE OF TENDER DOCUMENT:** Tk. 2,000.00 (Tk. Two Thousand) Non-refundable.
4. **NAME OF THE COMMODITY:** Insulation and Paneling, Mechanical Ventilation (As per Annex- B and C).
5. **SOURCE OF FINANCE:** Khulna Shipyard Ltd (KSY) Fund.
6. **TERMS OF SUPPLY:**
  - i) CFR Chattogram Sea Port.
  - ii) The supplier will arrange transportation of all supplied items from Chattogram Sea Port to the buyer's premises KSY, Khulna (by sea/road). This transportation cost will be added with sea freight (mentioned at Bill of Lading) that define as total freight charge.
  - iii) KSY will process all customs formalities with C&F cost related duties and taxes.
7. **PRICE:**
  - i) FOB and Ocean freight should be shown separately.
  - ii) Freight should be shown/endorsed on Bill of Lading.
  - iii) Freight will be paid at actual against Bill of Lading but not exceeding the amount shown in quotation/offer.
8. **DELIVERY/SHIPMENT:** 60 Days from the date of letter of credit (LC).
9. **TENDER SHOULD REMAIN VALID:** 60 Days from the date of Tender on opening date.
10. **THE TENDER DOCUMENTS MUST BE REQUIRED WITH SEAL AND SIGN THEREOF ON EACH PAGE:**

The Khulna Shipyard Ltd., Khulna invites quotation by **two envelop system** (one technical and another one financial offer) in duplicate (marked as "Original" and "Duplicate") from Manufacturers / Principal Suppliers for supply of the item(s) described in the attached sheet schedule (Annex-A) on KSY site basis, Quotations will be received by this office up to **11-15 A.M.** and will be opened 11-30 A.M. in public on the date specified above. The financial offer will be opened after evaluation of technical offer and shall be intimated of the bidders in time.
11. **AMENDMENTS TO TENDER DOCUMENTS:**
  - a. At any time prior to deadline for submission of bids the purchaser may, for any reason, whether of its own initiative or in response to a clarification requested by a prospective bidder, modify the Tender documents by the amendment(s).
  - b. The amendment(s) will be notified in writing by letter / email / KSY website or by cable to all prospective bidders who have received Tender documents and the same will be binding on them.
  - c. In order to allow the prospective bidders reasonable time to take the amendment into account in preparing their bids, the purchaser may at its sole discretion extend the deadline for submission of bids.

### **PREPARATION AND SUBMISSION OF TENDER**

12. **GENERAL:**
  - a. Tenders are to be dropped in the tender box provided for the purpose at the office of Khulna Shipyard Ltd., Khulna.

b. Tender number and opening date as above should be written on the envelope. The envelope containing quotation should be sealed and addressed as follows:-

i. CONSIGNEE: **THE MANAGING DIRECTOR  
KHULNA SHIPYARD LIMITED, BANGLADESH NAVY, KHULNA– 9201  
BIN: 000400834-0801**

Tender number and opening date as above should be written on the envelope.

c. Tender may be put into the Tender Box kept for this purpose at the above address, but care must be taken to ensure that it reaches this office on the date and time fixed. Late Tenders will not be considered. Suppliers may also post the tenders to the **MANAGING DIRECTOR, KHULNA SHIPYARD LIMITED, BANGLADESH NAVY, KHULNA-9201, BANGLADESH**, so, as to reach him on due date and time. No responsibility will be accepted by buyer for late receipt.

d. The Manufacturers / Principal Suppliers may quote in their own letter head, but it is essential that the tender schedule is also completed and returned, along with original money receipt to the buyer. If the schedule is not accordingly returned the quotation may not be considered

e. Tenderers may quote price Bangladesh Taka/ US Dollar / in any International trading currency.

f. **Tenderers should be confirmed their credit report issued from Tenderers banks and this credit report should be enclosed in the original Tender / quotation otherwise LC opening bank should be arranged to collect this credit report and necessary cost in this respect will be realized from the supplier during LC opening.**

g. Tenders should enclose with the quotation the Original Proforma Invoice of their Principal and the Proforma should be based on CFR.

h. Quotation should be strictly in accordance with the following:

(1) Accounting unit prescribed in the Tender enquiry.

(2) Terms of delivery and place of delivery as specified in the Tender enquiry.

i. The name of the manufacturers, principal suppliers and country/countries of origin with port of shipment proposed should invariably be indicated.

j. Tenderers must submit with the quotation the Original Proforma Invoice of their Principals and the Proforma Invoice shall clearly indicate detail technical specification, the percentage of commission, if any, included in Material Price for the local agent. Commission payable to the local agent by the foreign supplier will be deducted and paid to local agent in equivalent Local currency at the average exchange rate on the LC payment date (Be buyer's rate).

k. No claims on the ground of typographical errors in calculating prices would be entertained later and the Tendering firms would be asked under points of penalty and disciplinary action to supply at price they have originally quoted.

l. Supplier must quote the offer as per schedule given in Annex A's list/ table as package wise to this document and incomplete or partial offer of any package will be treated as non-complied/ non-responsive.

m. **KSY reserve the right to purchase partially or full quantity of the quoted goods.**

n. Local Agent/ supplier should also submit along with the tender valid Indenting agent registration certificate issued by the Bangladesh Indenting Agent Association (BIAA), Trade license, and TIN certificate. In absence of original certificate attested Photostat copy by first class officer may serve.

13. **CONTRACT**. The terms and conditions of the Tender document shall form an integral part of the contract/purchase order document. The Tenderer is requested to check this set of Tender documents in order to ensure proper compliance and the "Form of Acknowledgement" along with the "Certificate as to **Corporate Principal**", where applicable, duly filled in be returned along with the **Tender**.

14. **BID LANGUAGE**. The bid's, all correspondences and documents relating thereto exchanged between the bidders and the purchaser shall be written in English Language.

15. **TERMS OF PAYMENT:**

i. LC for full purchase amount will be opened by Khulna Shipyard Limited in favour of the principal supplier under the following payment terms where the **LC commission charge 0.30% of the total LC Value equivalent of BDT taka** including related VAT & others will be borne by foreign principal/ local agent (supplier) at LC opening that will be included in quotation.

a. 80% of total CFR value will be paid on delivery of the items described under the scope of supply and on production of following shipping documents:

- (1) Complete set of original 'Clean on Board' Master Bill of Lading / mentioning the amount of freight on Bill of Lading,
- (2) Supplier's invoice signed in ink,
- (3) Buyer's authorized satisfactory inspection agent's certificate,
- (4) Certificate of standard test,
- (5) Fax/E-mail/Swift advice for insurance cover,
- (6) Certificate of origin,
- (7) Authorization certificate,
- (8) Certificate showing that the material has been shipped in a non-Israel vessel,
- (9) Undertaking regarding supply/ re-placement of short supplied and defective materials on free of cost demanded by the buyer.

N.B:- Non-negotiable copies of shipping documents will be sent in advance by email ([oiocomf.ksy@gmail.com](mailto:oiocomf.ksy@gmail.com)) before getting original and original shipping documents will be delivered in the LC opening Bank before 07 days arrival of ship at port. In the event of any delay in dispatch of the shipping documents or above state or their incorrect preparation, the supplier shall be responsible for any demurrage, extra handling charges or any other expense arising there from.

b. Remaining 20% of LC amount will be paid after receiving the material at KSY site with satisfactory acceptance that will be generated by user end & supplier representative or satisfactory Material Quality Inspection note that will be generated by KSY.

ii. Bank charges in Bangladesh for opening of LC shall be borne by the supplier. Any Bank charges for revalidation or amendment of the LC on the request of the supplier shall be exclusively borne by the beneficiaries and not by the Khulna Shipyard Ltd. Confirmation of letter of credit by foreign bank will not be entertained or if applicable that will be borne by the supplier.

iii. Bank charges for withdrawal against LC established by buyer will be borne by the beneficiary/ Supplier.

iv. The beneficiary/ Supplier will have to borne the following foreign bank charges: -

- (1) Negotiation commission.
- (2) Payment commission.
- (3) Postage & Cable charges.
- (4) LC confirmation charges / additional (ADD) confirmation charges.
- (5) LC amendment commission/ LC extension commission.
- (6) LC cancellation charges.
- (7) LC confirmation charges (if any).

16. **PACKING AND MARKING:**

a. The seller shall be responsible for proper packing and marking the goods for shipment by rail, road and sea. Goods shall be assembled to the maximum extent practical prior to shipment. Goods shall be packed so as to withstand usually rough handling and ensure delivery without loss or damage.

b. Each packet/ Bundle must have the following information printed in BOLD LETTERS on the outside

- (1) Name of the consignee and Destination,

- (2) Letter of credit number,
- (3) Gross and net weight,
- (4) Serial number of Bundle and,
- (5) Name and address of the seller

N.B:- If you fail to adhere to the above instructions regarding marking of non-negotiable copies of shipping documents in advance by email ([oiocomf.ksy@gmail.com](mailto:oiocomf.ksy@gmail.com)), resulting in any delay in clearance of goods, responsibility and consequences thereof will be entirely of sellers.

17. **QUANTITY:**

- a. Check of quality, quantity and condition of goods at the discharging port/ place i.e. chattogram will be carried out by the buyer if required, it will be at their cost.
- b. The quotation must be based on firm prices for individual items as per Annex-A. Average prices should not be quoted.
- c. The approximate weight of each Packet/ Bundle should be shown separately on quotation.
- d. The Khulna Shipyard Ltd., reserves the right of awarding contracts for individual technically acceptable items on the lowest acceptable prices. Firms quoting on an average basis for joint items do so at their own risk. The KSY will not make any allowances for this action of the Tendering firms when awarding contracts for individual items which if and when refused by Tendering firms any lead to disciplinary action.

**SPECIAL CLAUSES**

18. **JOINT INSPECTION:** The Materials/items will be checked (quality, quantity, condition of goods) and mustered by supplier representative and KSY representative after arrival the items at KSY.  
If any defective or 2nd hand item is found during the joint mustering at KSY, the defective or 2nd hand item will not be acceptable. Supplier shall undertake the full responsibility to supply and replace the defective or 2nd hand item by new one.
19. **LATE SHIPMENT/DELIVERY AND LIQUIDATED DAMAGES:** Late shipment/ delivery will not be accepted. However with reasonable cause, if KSY agrees for late Shipment/ Delivery, in that case followings will be imposed:
  - a. On genuine reasons / grounds beyond the control of the suppliers / contractor, extension of delivery period may, however, be granted by the Purchase Approving Authority (KSY) without realization of any liquidated damage provided validity of their performance guarantee covers such extension.
  - b. Liquidity damage equivalent to half percent per week or part thereof on the value of the undelivered goods will be realized from the supplier/contractor.
  - c. In specific cases, where delay in shipment is likely to cause dislocation of work or financial loss, or related to the delivery of ships/ handed over of construction work, a higher rate of liquidity damage from 5% to 10% (as decided by KSY) per week or part thereof on the value of the undelivered goods will be charged.
  - d. In case of delay in shipment beyond approved timeframe as stated in Clause no. 7, this schedule will be treated as cancelled and the full Performance Guarantee shall also be forfeited as a consequential effect.
  - e. Minimum 14 days free time for container shipment at destination port must allow for each shipment.
20. **TERMINATION OF CONTRACT:** a. At any time during the period of this contract, the Purchaser shall have the right to cancel contract under following reasons:
  - (1) If the supplier fails to supply the contracted item as per specification given in the purchase order/contract of the contracted item being rejected by the competent technical authority.

- (2) If the supplier fails to deliver the contracted item within the date specified in the purchase order/contract or any extensions thereof.
- (3) In the event of breach of any contractual obligations given in the terms and conditions of the purchase order/contract.
- b. Moreover, in case of termination of contract as under this clause the Purchaser shall have the right to decide taking appropriate punitive action against the supplier as deemed suitable by the KSY authority.
- c. Should the suppliers be adjudged insolvent, the buyer shall have the power to terminate the contract.
- d. Decisions under this clause SHALL not be subject to arbitration.
21. **INSURANCE.** After shipment to the destination upto buyers premises (Khulna Shipyard Ltd.), marine insurance of the consignment will be arranged by buyer but considering **insurance charge 0.30% of the total LC Value equivalent of BDT** including VAT, Stamp & all related charge will be paid by foreign principal/ local agent (supplier) at LC opening. Quotation should, therefore, be included with the insurance charges.
22. **EARNEST MONEY.** All bidders must submit earnest money BDT 2,00,000.00 (Two Lac) or equivalent US Dollar / in any International trading currency favoring Khulna Shipyard Ltd.(KSY). Khulna, in the form of Bank Draft / Pay Order / Bank Guarantee which will be issued by any scheduled bank of Bangladesh and it will be included with technical offer. In case bank guarantee is submitted, the same should remain valid for 180 days from the date of opening of the Tender. Neither any inland cheque for a cheque /guarantee issue by Bank of foreign countries will be entertained. Earnest money is liable to forfeiture if the bidder for any reason whatsoever withdraws or modifies its Tender; or violates the terms after opening of the Tender and before expiry of the validity of the Tender; or fails to furnish the required performance bond within the stipulated time after issuance of letter of intent. Bid bond/earnest money of unsuccessful Tenderer would be returned once a decision of the Tender is made. A Tender not accompanied by earnest money/bid bond would be rejected as non-responsive. Bid bond of the successful bidder shall be returned after furnishing performance bond. A specimen copy of bid bond is enclosed herewith as Annex-E.
23. **PERFORMANCE BOND.** The successful Tenderer will be required to furnish performance bond (as a pay order) to the extent 05% of the total CFR value either in the form of pay order or bank guarantee from any scheduled bank of Bangladesh for the satisfactory execution of the order. The submitted bank guarantee must remain valid 06 (Six) months beyond the day of shipment. Performance bond must be furnished within 10 (Ten) day's from the date of letter of intent. It will be liable for forfeiture if the supplier fails to supply the goods within the specified time or commits any breach of contract. The Performance Guarantee will be released after satisfactory inspection (quantity, quality and weight) by Khulna Shipyard Limited Quality Control committee and in presence of supplier's representative at Khulna Shipyard Premises. The buyer shall have the right to forfeit the performance guarantee for failure of the supplier in fulfilling the terms and conditions of this contract partially or wholly, besides taking any other action against the supplier that may be warranted.
24. **WARRANTY.** Supplier shall undertake the full responsibility to rectify any defect of supplied items free of charges under warranty period. To rectify/ replace any such defective item, provided that the defects are appeared / discovered during the period of 12 months after acceptance and delivery of each vessel by BN. Warranty repair/ replacement shall be accomplished within 03 months of notification of the relevant defect. Otherwise warranty will be extended by non-operational period of the item.

25. **GUARANTEE FOR WARRANTY.** Supplier shall furnish to KSY a guarantee for warranty (as a pay order) for an amount equivalent to 05% (five percent) of the total contract price from any scheduled bank situated in Bangladesh. The buyer shall have the right to forfeit the performance guarantee for failure of the supplier in fulfilling the terms and conditions of this contract partially or wholly, besides taking any other action against the supplier that may be warranted. It will be released after completion of warranty period.
26. **INDEMNITY.** The supplier has to indemnify the buyer against all claims which may be made in respect of the stores for infringement of any right protected by patent, registration of design etc and shall take all risk of accidents or damage which may cause or failure of the supply from whatever cause arising and take entire responsibility for the sufficiency of the means used by the supplier for the fulfillment of the contract.
27. **INCREASE OR DECREASE IN QUANTITY OF CONTRACT:** The buyer reserves the right at the time of award of contract, with no adjustment in unit price (bid), to increase or decrease the quantity Tendered. The buyer also reserves the right to accept or reject any or all the Tenders or to waive any informality, minor deviation or omission.
- Award would be made to the bidder whose responsive bid determined to be the lowest evaluated bid and who meets the specification and other terms and conditions of the Tender document.
28. **COMPLIANCE STATEMENT.** A compliance statement considering all clauses of Technical and Financial (as per ANNEX-A including relevant information a tabular format) fulfilling all the given requirement of the specifications is to be submitted for evaluation of the Tenders. Stating mere 'Yes', 'No' "Complied" will not suffice and detailed description/ information as required is to be given. An incomplete compliance statement may attribute to cancellation of the Tender. If any clause of this specification does not commensurate with tender, the deviation has to be spelt out clearly and reasonably. **Information/ document/ certificate/ data shared by the bidder must be genuine which can be cross-checked through authentic website information.** Before giving purchase order, KSY may ask any type of technical, financial, administrative queries to the tender. Tender will provide all information/ document/ data to comply KSY's requirement immediately.
29. **DISQUALIFICATION OF TENDER:**
- a. Any addition or alteration to the specification or rate quoted by a firm in the Tender after not only be ignored but should also render the firms liable to disqualification.
  - b. Any Tender received late and not strictly confirming to the terms and conditions prescribed in this Tender documents not accompanied with the requisite earnest money and the money receipt of Tender price and registration certificate may be liable for rejection.
30. **TAXES, DUTIES AND DELAY DOCUMENTS:**
- a) All Customs duties, taxes and other charges (C&F charge, port charge etc. except dumping charge (Cargo/ Barge/ Truck/ Trailer loaded from mother vessel)) levied on the goods by authorities in buyer's country shall be borne by the buyer and shall not be included in the bid price.
  - b) Charges of such nature in seller's country or in any country other than the buyer's country shall be borne by the sellers.
  - c) In the event of any delay in dispatch of the shipping documents or their incorrect preparation, the supplier shall be responsible for any demurrage, extra handling charges or any other expense arising there from.



31. **BREACH OF CONTRACT.** On any breach of contract by the seller, the buyer may recover the actual loss suffered and the amount may be realized by encashing the performance guarantee.
32. **APPLICABLE LAW.** The purchase order shall be interpreted in accordance with the law of the buyer's country.
33. **FORCE MAJEURE.** Should any circumstance arise preventing either contracting party from wholly or partly carrying its obligations under the present contract, namely Natural Calamity, Strike, Riots, firm acts and elements of War, Military Operation of any, Nature, Block ads and any unforeseen event which is beyond human control the period stipulated for the performance of this contract shall be extended or as long as the circumstances prevail. Provided that in the event of these circumstances continuing for more than thirty days, either party shall have to refuse to fulfill its obligations under this contract and in such case neither party shall be entitled to indemnification of any losses it may sustain.
- The party unable to carry out its obligation under this contract shall immediately advise the other party of the commencement and the termination of circumstances preventing the performance of the contract. A certificate issued by the Chamber of Commerce of the sellers of the buyers' country shall be sufficient proof of the existence and duration of such circumstances.
34. **ARBITRATION.** In the event of any dispute or difference arising out of the terms and conditions as specified above, the same shall be referred to the award of a sole. Arbitrator appointed by the parties on mutual agreement, failing which it shall be referred to the award of the two Arbitrators, from each side (buyer and seller), or in the case of disagreement between the two arbitrators to the award of an umpire to be appointed by the two arbitrator in writing before proceeded on the reference of the decision of the sole arbitrator or of the two arbitrator in the writing before proceeded on the reference of the decision of the sole arbitrator or of the two Arbitrators or the umpire as the case may be shall be final, conclusive and binding upon the parties. The provisions of the arbitration Act 2001 and rules there under and any statutory modification there of shall deem to apply to the said arbitration. The place of arbitration shall be Dhaka, Bangladesh any statutory modification enactment thereof for the time being in force in Bangladesh shall apply to the arbitration proceeding.

The above terms and conditions are not absolute, the Khulna Shipyard Ltd., Bangladesh Navy, reserves the right to incorporate additional terms and conditions, if necessary. The Khulna Shipyard Ltd., BN also is not bound to accept the lowest Tender and reserves the right to reject any or all Tenders without assigning any reason whatsoever.

Yours faithfully



SK. SHAH MOSIUR RAHOMAN  
OIC (Commercial Foreign)  
For Managing Director

Enclosure:

- |    |  |            |
|----|--|------------|
| A. | Format of Price Schedule (Annex - A)                                   | - 01 Page  |
| B. | Format of Technical Specification of Insulation and Paneling (Annex-B) | - 03 Pages |
| C. | Format of Technical Specification of Mechanical Ventilation (Annex-C)  | - 06 Pages |
| D. | Format of Bank Guarantee in Lieu of Earnest Money (Annex - D)          | - 01 Page  |
| E. | Format of Performance Bank Guarantee (Annex - E)                       | - 01 Page  |



**KHULNA SHIPYARD LTD.****BANGLADESH NAVY, KHULNA****PHONE NO: PABX 02-477720003**E-mail: [oiocomf.ksy@gmail.com](mailto:oiocomf.ksy@gmail.com), Web: [www.khulnashipyard.com](http://www.khulnashipyard.com)

ANNEX-A

**SCHEDULE TO TENDER ENQUIRY NO: BABE (F) - 337/IPMV/2025-2026 DATED: 01 JULY 2025****TENDER OPENING DATE: 31 JULY 2025 AT 1130 AM HOURS****The package material items for 2x70 ton BP Tugboat:**

Sr No	DESCRIPTION OF PACKAGE ITEM (As per Annex)	Quantity	Material Price (Itemize)	Freight	Itemize Total CFR Price
1	Insulation and Paneling (As per Annex- B)	Itemize			
2	Mechanical Ventilation (As per Annex- C)	Itemize			

**N.B:**

- Supplier must quote the offer according to the above list/ table as package wise (Package-A and Package-B) and incomplete or partial offer of any package will be treated as non-complied/ non-responsive.**
- Supplier must follow commercial & Financial Terms that are integrated at schedule.**

Yours quotation No.

Signature, Name and address of the tenderer:

Date:


Terms of delivery:

Telephone No:

## Technical Specification of Insulation and Paneling for 2xPPA Tug boat

Sl	Description of Goods	Drawing Symbol ( No: 01/22-H28, H-29, H-30)	Quantity	Unit	Remarks
<b>a. Ceiling Materials:</b>					
1.	<b>10 MM THICK NON COMBUSTIBLE BOARD</b> Faced at Both Sides with 1.5 Thk. Plastic Laminate Size: To Be Mentioned	C	336	m2	
2.	<b>10 MM THICK NON COMBUSTIBLE WATER RESISTANT BOARD</b> Faced at Both Sides with 1.5 Thk. Plastic Laminate Size: To Be Mentioned	CR	26	m2	
3.	<b>22 SWG STAINLESS STEEL SHEET</b> 50 X 20 U Channel For Supporting Size: To be Mentioned	CS	48	m2	
4.	<b>THIN GAUGE PERFORATED GALVANISED STEEL SHEET OR EQUIVALENT</b> Size: To be Mentioned	CG	30	m2	
5.	<b>BARE STEEL FOR CEILING (PAINTED)</b> Color: To be Mentioned Size: To be Mentioned	C/BS	120	m2	
<b>b. Lining Materials:</b>					
6.	<b>16 MM THICK NON COMBUSTIBLE BOARD</b> Faced at both sides with 1.5 Thk. Plastic Laminate Size: 2400x550x16 mm or To be Mentioned	L	720	m2	
7.	<b>22 SWG STAINLESS STEEL SHEET</b>	LS	120	m2	
8.	<b>1.00 MM THK PERFORATED GALVANISED STEEL SHEET (Painted)</b> Color: To be Mentioned	LG	216	m2	
9.	<b>16 MM THICK NON COMBUSTIBLE WATER RESISTANT BOARD</b> Faced at both sides with 1.5 Thk. Plastic Laminate Size: 2400x550x16 mm or To be Mentioned	LR	120	m2	
10.	<b>BARE STEEL (PAINTED)</b> No Lining Color: To be Mentioned	L/BS	48	m2	
<b>c. Partition Materials:</b>					
11.	<b>50 MM THK. MARINE PANEL</b> Consisting of Double Steel Sheet with Glass wool or Equivalent Insulation in Between Faced with 1.5 Thk. Decorative Foil on Both Sides or Equivalent for 'BO' Class Standard.	PB	156	m2	
12.	<b>50 MM THK MARINE BOARD</b> With Decorative Foil On Both Sides to 'C' Class Standard	PC	168	m2	

Sl	Description of Goods	Drawing Symbol ( No: 01/22-H28, H-29, H-30)	Quantity	Unit	Remarks
	Size: 2400x550x50 mm or To be Mentioned				
<b>d. Insulation Materials:</b>					
13.	<b>CI INSULATION</b> 50 mm Thk. X 45 Kg/Cu.M Density Glasswool Over PLTG. Insulation on Stiffeners Fitted on to Pins & Clips. Type: CI with Fiber Glass-Cloth Fitted at Top Size: 1200x600x50 mm or To be Mentioned	-	1300	m2	
14.	<b>CI INSULATION</b> 25 mm Thk X 45 Kg/Cu.M Density Glasswool Over PLTG. Insulation on Stiffeners Fitted on to Pins & Clips. Type: CI with Fiber Glass-Cloth Fitted at Top Size: 1200x600x25 mm or To be Mentioned		650	m2	
15.	<b>A60 INSULATION</b> 50 mm Thk X 110 Kg/Cu.M Glasswool or Equiv. To Be Fitted Over PLTG. on Stiffeners Fitted on to Welded Pins & Clips, Glasswool Slabs to ne Faced with Aluminum Foil & Sealed with Adhesive Tape or Equivalent Size: 1200x600x50 mm or To be Mentioned	-	2400	m2	
16.	<b>A60 INSULATION</b> 25 mm Thk.X 110 Kg/Cu.M Glasswool on Stiffeners Fitted on to Welded Pins & Clips, Glasswool Slabs to be Faced with Aluminum Foil & Sealed With Adhesive Tape or Equivalent Size: 1200x600x25 mm or To be Mentioned	-	1335	m2	
17.	<b>A60 INSULATION WITH 1.0MM PERFORATED GALVANIZED SHEET</b> 50 mm Thk. X 110 Kg/Cu.M Glasswool or Equiv. to be Fitted Over E.RM. Deck Head PLTG. on Stiffeners Fitted on to Welded Pins, Spaced Hot More Than 300 mm & Clips. Glasswool Slabs to be Faced with Aluminum Foil, Seams to be Sealed with Self Adhesive Tape And Finally Covered With 1.0 MM Perforated Galvanized Sheet. Size: 1200x600x50 MM or To be Mentioned	-	500	m2	
18.	<b>A15 INSULATION</b> 50 mm Thk. X 80 Kg/Cu.M Glasswool or Equiv. to be Fitted Over PLTG. on Stiffeners Fitted on to Welded Pins & Clips, Glasswool Slabs to be Faced with Perforated Galvanised Sheet or Equivalent Size: 1200x600x50 mm or To be Mentioned		70	m2	
19.	<b>A15 INSULATION</b> 25 mm Thk. 80 Kg/Cu.M Glasswool or Equiv. to be Fitted Over PLTG. on Stiffeners Fitted on to Welded Pins & Clips, Glasswool Slabs	-	35	m2	

Sl	Description of Goods	Drawing Symbol ( No: 01/22-H28, H-29, H-30)	Quantity	Unit	Remarks
	to be Faced With Perforated Galvanized Sheet Or Equivalent Size: 1200x600x25 mm or To be Mentioned				
20.	<b>2 MM THK HEAVY DUTY VINYL</b> Colour: Ash/ Black Pattern: Dotted/ Checkered (Which will be Bedded on 50mm Floating Floor) Size: 1000x1000x2.0 mm or To be Mentioned	VF	1000	m2	
21.	<b>50MM FLOATING FLOOR/ ROCKWOOL</b> (Insulation Standard 'A60') Bv or IACS Class Approved Size: 1200x600x50 mm or To be Mentioned	-	500	m2	
22.	<b>CEILING/ LINING/PARTITION FITTINGS/ ACCESSORIES</b> All Ceiling, Lining, Partition & Insulation Materials to be Secured with: A. 50 X 20 'U' Channel for Supporting Board/Galv. Sheet / S.S. Sheet. B. Pop. Rivet or CSK. Screw at Every 250 mm apart for LG and LS. C. Angle Strip between Lining / Ceiling. D. Skirting Between Lining / Floor. E. All Fittings/ Accessories to be Provided According to Vendor's Standard Method Approved by BV Or IACS Class	-	01	Lot	Necessary fittings items to comply the whole Tugboat to be provided as per drawing. Quantity and Item wise price to be mentioned

**Terms and conditions:**

1. Country of Origin & Manufacturer to be mention in the offer.
2. Factory/ Manufacturer detail Address with email & contact number to be provided with the offer.
3. Factory/ Manufacturer Company Brochure Catalogue to be provided with the offer.
4. Previous supply record for any class approved similar products/ items to be provided with the offer.
5. Manufacturer Authorization latter to be provided with the offer.
6. Offered items/ product's picture/ brochure / drawing etc. to be provided with the offer.
7. The given area & BoQ is assessed by KSY initially. But after studying the **attached drawings ( No: 01/22-H28, H-29, H-30)**, the OEM/ Supplier can suggest/ comment about required area, quantity, specification (complying design), BoQ etc. as necessary and standard (if any).

## Technical Specification of Mechanical Ventilation for 2xPPA Tugboat

Items	Item Name	Description of goods	Qty.	Unit	Remarks
1	<b>Ventilation Fan for Engine Room</b>	1. Brand: To be mentioned 2. Model: CZF or equivalent (To be mentioned) 3. Type: Axial 4. Air Flow rate: 40000 m <sup>3</sup> /hr. (Approx.) 5. Static Pressure: 450 Pa (Approx.) 6. Fan Size: Ø 950 mm (Maximum.) 7. Material : A. Fan Blade: Aluminum B. Fan Housing : Galvanized steel 8. Motor Power: To Be mentioned 9. Voltage: 415 V AC - 3 Phase - 50 Hz 10. Speed: 1460 rpm (Approx.) 11. Degree of Protection: IP 56 12. Insulation Type: Class F 13. Certification : Type Approved Certificate From BV/ IACS class 14. Starting Method: Star Delta Starter 15. Country of origin: To Be mentioned 16. Country of Manufacturer: To Be mentioned	04	Nos.	
2	<b>Electric Fire Damper</b>	1. Brand: To Be Mentioned 2. Model: YSCF or equivalent (To be mentioned) 3. Size: Ø 950 mm (Maximum) 4. Material: Galvanized steel 5. Type: Marine 6. Operating Voltage: 230 V AC 7. Operation ethod: 8. Manual Mperation 9. Electric Operation A. Activate by Thermal fuse unit (Above 70°C) 10. Certification : Type Approved Certificate From BV / IACS class 11. Country of origin: To Be mentioned 12. Country of Manufacturer: To Be mentioned	04	Nos.	

**ANNEX-C**

Items	Item Name	Description of goods	Qty.	Unit	Remarks
3	<b>Ventilation Fan for S.R.P Compartment</b>	1. Brand: To Be Mentioned 2. Model: CZF or equivalent (To be mentioned) 3. Type: Axial 4. Air Flow: 2100 m3/hr (Approx.) 5. Static Pressure: 145 Pa (Approx.) 6. Fan Inlet Dia: Ø 350 mm (Maximum) 7. Material : a. Fan Blade: Aluminum. b. Fan Housing: Carbon Steel 8. Motor Power: To be mentioned 9. Voltage: 415V AC - 3 Phase - 50 Hz 10. Speed: 2920 rpm (Approx.) 11. Degree of Protection: IP 56 12. Insulation Type: Class F 13. Certification : Type Approved Certificate From BV/ IACS class 14. Country of origin: To Be mentioned 15. Country of Manufacturer: To Be mentioned	02	Nos.	
4	<b>Closing Device</b>	1. Brand: To Be Mentioned 2. Model: FT or equivalent (To be mentioned) 3. Type: Mushroom vent 4. manual closure, fitted with insect screens Closing Device 5. Material: Carbon Steel 6. Flange Size: <b>350 mm</b> (Maximum) 7. Certificate: Performance Test Certificate (from Manufacturer)	02	Nos.	
5	<b>Air Vent For Natural Exhaust</b>	1. Type: Ball Air Vent 2. Model: TFM or equivalent (To be mentioned) 3. Dia: 350 mm 4. Material: Aluminium Alloy 5. Certificate: BV/ IACS certificate	02	Nos.	
6	<b>Ventilation Fan for Galley</b>	1. Brand: To Be Mentioned 2. Model: JCZ or equivalent (To be mentioned) 3. Type: Axial 4. Air Flow: 800 m3/hr (Approx.) 5. Static Pressure: 55 Pa (Approx.) 6. Fan Inlet Dia: Ø 200 mm (Maximum) 7. Material : a. Fan Blade: Aluminum. b. Fan Housing: Carbon Steel 8. Motor Power: To Be Mentioned 9. Voltage: 415V AC - 3 Phase - 50 Hz	02	Nos.	

**ANNEX-C**

Items	Item Name	Description of goods	Qty.	Unit	Remarks
		10. Speed: 2920 rpm (Approx.) 11. Degree of Protection: IP 56 12. Insulation Type: Class F 13. Certification : Type Approved Certificate From BV 14. Country of origin: To Be mentioned 15. Country of Manufacturer: To Be mentioned			
7	<b>Closing Device</b>	1. Type: Mushroom vent, manual closure, fitted with insect screens 2. Closing Device Flange Size: <b>200mm</b> (Maximum) 3. Material: Carbon Steel 4. Model: FT or equivalent (To be mentioned) 5. Performance Test Certificate (from Manufacturer)	04	Nos.	
8	<b>Explosion Proof Ventilation Fan for Galley, Paint Store &amp; Bow Thruster Room</b>	1. Brand: To Be Mentioned 2. Model: CBZ or equivalent (To be mentioned) 3. Application/Grade: Explosion Proof Function 4. Explosion Proof Grade: BT4 5. Fan Type: Axial 6. Air Flow: 1800 m3/hr (Approx.) 7. Static Pressure: 145Pa (Approx.) 8. Fan Inlet Dia: Ø 300 mm (Maximum) 9. Material : a. Fan Blade: Aluminum b. Fan Housing: Carbon Steel 10. Motor Power: To Be Mentioned 11. Voltage: 415 V AC - 3 Phase - 50 Hz 12. Speed: 2920 rpm (Approx.) 13. Degree of Protection: IP 56 14. Insulation Type: Class F 15. Certification : A. Type Approved Certificate From BV B. Explosion Proof Certificate 16. Country of origin: To Be mentioned 17. Country of Manufacturer: To Be mentioned	06	Nos.	
9	<b>Closing Device</b>	1. Type: Mushroom vent, manual closure, fitted with insect screens 2. Closing Device Flange Size: 300 mm (Maximum) 3. Material: Carbon Steel, 4. Model: FT or equivalent (To be mentioned)	06	Nos.	



**ANNEX-C**

Items	Item Name	Description of goods	Qty.	Unit	Remarks
		5. Performance Test Certificate (from Manufacturer)			
10	<b>Ventilation Fan for Deck/Rope Store</b>	1. Brand: To Be mentioned 2. Model: CWZ or equivalent (To be mentioned) 3. Type: Axial Fan 4. Air Flow: 100 m3/hr (Approx.) 5. Static Pressure: 20 Pa (Approx.) 6. Fan Inlet Dia: 150 mm (Maximum) 7. Material : A. Fan Blade: Aluminum. B. Fan Housing: Carbon Steel 8. Motor Power: To Be Mentioned 9. Voltage: 220 V AC - 1 Phase - 50 Hz 10. Speed: 1400 rpm (Approx.) 11. Degree of Protection: IP 56 12. Insulation Type: Class F 13. Certification: Type Approved Certificate From any IACS member. 14. Country of origin: To Be mentioned 15. Country of Manufacturer: To Be mentioned	02	Nos.	
11	<b>Closing Device</b>	1. Type: Mushroom vent, manual closure, fitted with insect screens 2. Closing Device Flange Size: 150mm (Maximum) 3. Material: Carbon Steel 4. Model: FT-C or equivalent (To be mentioned) 5. Performance Test Certificate (from Manufacturer)	08	Nos.	
12	<b>Ventilation Fan for Common Toilet, CO2 &amp; FI-FI Store</b>	1. Brand: To be mentioned 2. Model: CWZ or equivalent (To be mentioned) 3. Type: Axial Fan 4. Air Flow: 200 m3/hr (Approx.) 5. Static Pressure: 15 Pa (Approx.) 6. Fan Inlet Dia: Ø 150 mm (Maximum) 7. Material : A. Fan Blade: Aluminum. B. Fan Housing: Carbon Steel 8. Motor Power: To Be Mentioned 9. Voltage: 220 V AC - 1 Phase - 50 Hz 10. Speed: 1400 rpm (Approx.) 11. Degree of Protection: IP 56 12. Insulation Type: Class F 13. Certification: Type Approved Certificate from any IACS member.	04	Nos.	

**ANNEX-C**

Items	Item Name	Description of goods	Qty.	Unit	Remarks
		14. Country of origin: To Be mentioned 15. Country of Manufacturer: To Be mentioned			
13	<b>Air Vent For Natural Exhaust</b>	1. Type: Ball Air Vent 2. Dia: 150mm (Maximum) 3. Model: HX or equivalent (To be mentioned) 4. Material: Aluminum Alloy 5. Certificate: BV/ CCS or equivalent	06	Nos.	
14	<b>Air Vent For Natural Exhaust</b>	1. Type: Ball Air Vent 2. Dia: 200mm (Maximum) 3. Model: HX or equivalent (To be mentioned) 4. Material: Aluminium Alloy 5. Certificate: BV/ CCS or equivalent	02	Nos.	
15	<b>Ventilation Fan for Common Toilet</b>	1. Brand: To be mentioned 2. Model: JCZ or equivalent (To be mentioned) 3. Type: Axial 4. Air Flow: 550 m3/hr (Approx.) 5. Static Pressure: 90 Pa (Approx.) 6. Fan Inlet Dia: Ø 200 mm (Maximum) 7. Material : A. Fan Blade: Aluminum. B. Fan Housing: Carbon Steel 8. Power: To be mentioned 9. Voltage: 220 V AC - 1 Phase - 50 Hz 10. Speed: 2920 rpm (Approx.) 11. Degree of Protection: IP 56 12. Insulation Type: Class F 13. Certification: Type Approved Certificate from any IACS member. 14. Country of origin: To Be mentioned 15. Country of Manufacturer: To Be mentioned	02	Nos.	
16	<b>Ventilation Fan for Treatment Room Toilet</b>	1. Brand: To Be Mentioned 2. Model: To be mentioned 3. Type: Axial 4. Air Flow: 55 m3/hr (Approx.) 5. Static Pressure: 250 Pa (Approx.) 6. Fan Inlet Dia: 100 mm (Maximum) 7. Material: A. Fan Blade: Plastic. B. Fan Housing: Galvanized Steel 8. Motor Power: To Be Mentioned 9. Voltage: 220V AC - 1 Phase - 50 Hz 10. Speed: 2288 rpm (Approx.) 11. Degree of Protection: IP 56	02	Nos.	

**ANNEX-C**

Items	Item Name	Description of goods	Qty.	Unit	Remarks
		12. Insulation Type: Class F 13. Certificate: Performance Test Certificate (from Manufacturer) 14. Country of origin: To Be mentioned 15. Country of Manufacturer: To Be mentioned			
17	<b>Reducer for Mushroom vent</b>	1. Material: Cast Steel 2. Size: One side is with DN150 The other side is with DN100 3. Performance Test Certificate (from Manufacturer)	02	Nos.	
18	<b>Mechanical Ventilation Fittings/ Accessories</b>	All fittings/ accessories items to be provided for above materials (SN: 1 to 17) installation & commissioning	1	Lot	A detail list to be provide with the offer and Item wise price to be mentioned

**Terms and conditions:**

1. Country of manufacturer and origin to be mention with the offer.
2. Factory/ Manufacturer detail Address with email & contact number to be provided with the offer.
3. Factory/ Manufacturer Company Brochure Catalogue to be provided with the offer.
4. Previous supply record for any class approved similar products/ items to be provided with the offer.
5. Manufacturer Authorization latter to be provided with the offer.
6. Offered items/ product's picture/ brochure / drawing etc. to be provided with the offer.
7. Details construction/ installation/ commissioning drawings to be provided.
8. Supervision of total construction/ installation/ commissioning and Test-Trial works should be provided by the supplier's expert/ OEM engineer.

**BANK GUARANTEE IN LIEU OF EARNEST MONEY**

No.....

.....

Guarantee

Dated:

For (mention amount).

Dear Sirs,

Whereas (Name of tender floating organization) under tender No. ....  
 ..... dated ..... inviting tenders for supplies of (described  
 supplies) has agreed to waive the requirement of Cash deposit / Call deposit of  
 2,00,000.00 (Two Lac) or equivalent US Dollar / in any International trading currency as  
 earnest money by the tenderer for making the supplies in accordance with the terms and  
 conditions of the tenderer and the tenderer shall provide a bank guarantee for payment  
 for the said amount.

And whereas the tenderer M/S. ....of .....has requested us  
 (name of bank) of ..... to issue as guarantee for payment of the amount of  
 US\$/ Tk ..... when called upon.

In consideration of the aforesaid, we (name of bank) of ..... hereby  
 undertake and guarantee due performance of the tender by the tenderer M/S.  
 ..... of ..... and unconditionally and absolutely  
 bind ourselves:

1. To make payment without any question whatsoever of US\$/ Tk  
 ..... to.....(Name of organization) or as directed by the  
 organization immediately on receipt of demand from the said, organization in writing, in  
 the event the tenderer fail to perform the tender. It is expressly understood that the  
 organization shall be the sole judge for-deciding whether the tenderer has performed the  
 tender and fulfilled the terms and conditions of the tender.

2. It is specially stipulated and understood by the bank that any grant of time or  
 indulgence to the tenderer without reference to the bank shall not in any manner tent to  
 absolve the bank from its liability to make the payment stipulated above under this  
 guarantee.

3. The Bank's commitment under this guarantee is limited to an amount of US/  
 Taka..... (.....) only.

4. The guarantee will remain valid upto .....

Yours faithfully

..... Bank

(Seal of the Bank)

**PERFORMANCE BANK GUARANTEE**

Managing Director  
 Khulna Shipyard Limited  
 Bangladesh Navy  
 Khulna, Bangladesh

Bank Guarantee No .....  
 Dated: .....  
 For (Mention amount)

Dear Sirs,

Whereas Khulna Shipyard Ltd., Bangladesh Navy, Khulna hereinafter referred to as the buyers proposed to enter into a contract through a Letter of Intent

hereinafter called the contract with (name of the sellers) of ..... hereinafter referred to as the sellers for the supply of (described supplies) in accordance with the terms and conditions of the contract. And whereas the sellers have requested us (name of bank) to issue a guarantee for an amount of US\$ / £ / EURO / TK..... being 05% of the CFR value of the supplies.

In consideration aforesaid (name of bank) ..... hereby undertake and guarantee due observance and performance of the terms and conditions of the contract by the sellers and we unconditionally and absolutely bind ourselves.

To make payment on demand, without demur and without reference to the sellers, of US\$ / £ / EURO / TK ..... to the buyers or as directed by the buyers in writing, if the sellers shall fail to perform the contract or fulfill the terms and conditions thereof.

To keep guarantee valid and in force for 06 (Six) months beyond the day of shipment but extendable if so required by the buyers.

The guarantee is unconditional and it is expressly understood that the buyers shall be sole judge for deciding whether the sellers have performed the contract and fulfilled the terms and conditions thereof.

It is specifically stipulated and understood by us (name of bank) that any grant of time or indulgence to the sellers without reference to us shall not in any manner tend to absolve us from our liability to make payment as stipulated above under this guarantee.

Our commitment under this guarantee is limited to an amount of US\$ / £ / EURO / TK..... only.

Yours faithfully

..... Bank

(Seal of the Bank)