



KHULNA SHIPYARD LIMITED

BANGLADESH NAVY, KHULNA

PHONE : 02-4411-0990, FAX : 880-41-720404

E-mail : dgml.ksy@gmail.com; oiocomf.ksy@gmail.com

BABE (F) – 338/2023-2024/

27 February 2024

Dear Sir

**INVITATION FOR QUOTATION OF 4000 KGS “ALUMINUM WELDING WIRE (MIG)”
1.2MM GRADE H111.**

1. Khulna Shipyard Limited (KSY) will procure **4000 Kgs “Aluminum Welding Wire (MIG)”** as per attached specification (01 Pages), following terms & condition:
2. Please send your offer delivery at KSY site basis within **14/03/2024** (1500 Hours) by e-mail or close envelop.
 - a) Offer should include supply of materials at KSY site including custom duty, local vat & tax etc
 - b) Payment: 100% payment will be made after receiving the material at KSY and satisfactory acceptance after deducting of VAT and TAX.
 - c) Items to be delivered within 60 days from the date of Purchase Order at KSY site.
3. 3% (three) Bid Bond/Earnest Money of the total quoted KSY site basis value must be submit with offer. Bid Bond may be Pay Order/Bank Guarantee in favour of Khulna Shipyard Limited, Khulna.
4. 5% Performance Guarantee (PG) is to be submitted before Purchase Order.
5. Warranty: 06 (Six) months after acceptance by KSY.
6. Guarantee for Warranty: The 5% Performance Guarantee will be considered as Guarantee for Warranty for the contracted item which shall remain valid until expiry date of the warranty period.
7. Offer Validity: 45 Days from Tender Opening Date.

Yours sincerely

SK. SHAH MOSHIUR RAHMAN
Manager Admin
For Managing Director

Aluminium welding wire

Sl. no.	Item	Description	Remarks
1.	Name of the Item	Aluminium welding wire	
2.	Year of Manufacture	To be mentioned	
3.	Brand	To be mentioned	
4.	Country of origin	To be mentioned	
5.	Material	5000 series aluminium alloy	
6.	Grade	H111	
7.	Diameter	1.2 mm	
8.	Composition	Primary alloying element : Magnesium Secondary alloying elements : Manganese , Chromium	
9.	Tensile strength	As per international standards for 5000 series alloys	
10.	Temper	H111 - Stress -relieved by controlled stretching after solution heat treatment , with minimal strain hardening	
11.	Surface finish	Clean and free from impurities to ensure optimal weld quality	
12.	Packaging	Coils or spools , securely packed to prevent damage during transportation	
13.	Certifications	Conformity to relevant industry standards (e.g , AWS A5.10 for aluminium welding wire)	
14.	Welding process compatibility	Suitable for various welding processes such as MIG and TIG	
15.	Applications	Suitable for welding 5000 series aluminium alloys in H111 temper , commonly used in structural and marine applications	
16.	Chemical properties	Compliant with specifications for 5000 series aluminium alloys , including acceptable levels of impurities	
17.	Mechanical properties	Provide data on yield strength , elongation , and impact resistance	
18.	Corrosion resistance	Exhibits excellent corrosion resistance , particularly in marine environments	

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