



# KHULNA SHIPYARD LIMITED

BANGLADESH NAVY, KHULNA

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BABE (F) –241/2022-2023/

01 August 2022

Dear Sir

## **INVITATION FOR PARTICIPATION TO TENDER FOR SUPPLY OF FLEXIBLE WELDING CABLE & FLEXIBLE GAUGING CABLE**

1. Khulna Shipyard Limited will procure 01 set of coil Flexible Welding Cable and 01 set of coil Flexible Gauging Cable **as per attached technical specification (02 Pages)**, following terms & condition:
2.
  - a) Please send your offer CPT/CFR at Dhaka Airport/ Chattogram Port basis within 17/08/2022 (1500 Hours) by e-mail or closed envelop.
  - b) Insurance will be covered by this organization.
  - c) Payment: Payment will be made through Letter of Credit. 80% of the total contract value will be paid against shipping documents and rest 20% will be paid after satisfactory receiving of the material at KSY.
  - d) Shipment: 30 days from the opening date of Letter of Credit.

### **OR,**

#### **Submission of quotation as local supply terms:**

- a) Please send your offer as a local supply items. 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. **1% (one) Bid Bond/Earnest (returnable) Money** of the total quoted CFR/KSY site value must be submit with offer. Bid Bond may be Pay Order / Bank Guarantee in favour of Khulna Shipyard Limited, Khulna.
4. **10% Performance Guarantee (PG)** is to be submitted before Purchase Order. This PG will release after receiving the material and satisfactory acceptance by KSY.
5. Foreign supplier will allow to participate directly without submitting bid bond/earnest money and PG. In that case payment will be made through Letter of Credit. 60% of the total contract value will be paid against shipping documents and rest 35% will be paid after satisfactory receiving of the material at KSY. Another Rest 05% will be paid after satisfactory warranty period.
6. **Warranty: 03 (Three) Year** after acceptance by KSY (as per technical clause no. 18).
7. **Guarantee for Warranty:** The Supplier shall furnish to buyer a Bank Guarantee/Pay order for warranty (for the contracted item) after satisfactory acceptance of the items an amount equivalent to 05% of the contract price, which shall remain valid until expiry date of the warranty period.
8. **Offer Validity: 45 Days** from Tender Opening Date.

Yours sincerely

M M Khairul Alam  
Commercial Officer  
For Managing Director

## **Name of the Item: Flexible Welding Cable**

ser	Description	Specification
1.	Purpose	Flexible Welding cable is required for the connection of MIG welding wire feeder with its respective AC/DC Pulse MIG welding machine. It will be used in Heavy duty ship building Industry in Bangladesh. It has to be soft, flexible, heat resistant, frost resistant, oil resistant and has anti pull cord inside.
2.	Quantity (unit)	01 (One) set of coil.
3.	County of Origin	To be mentioned.
4.	Cable Produce Standard	EN 50525-2-21.
5.	Name & address of Manufacturer	To be mentioned.
6.	Brand and Model	Brand & Model to be mentioned.
7.	Cable Type	To be mentioned.
8.	Number of cores	07 (seven).
9.	Conductor	i) Cross Sectional Area: 1.0 mm <sup>2</sup> ii) Conductor Shape: Round Flexible Copper wires, Class 5
10.	Insulation	i) Material/Color: EPR Rubber/To be mentioned ii) Nominal Thickness: 0.8 mm
11.	Outer sheath	i) Material/Color: PCP Rubber/ To be mentioned ii) Nominal Thickness: 1.8 mm
12.	Core construction	i) Copper Conductor ii) Rubber Insulation iii) Jute Filler iv) Wrapping tape v) Rubber Over sheath
13.	Voltage grade	450/750 V.
14.	Finished Cable	i) Appr. Overall Diameter of cable: 13.7 mm ii) Appr. Weight (kg/km): To be mentioned. iii) Conductor Resistance at 20°C: $\leq 19.50 \Omega/\text{km}$ iv) Conductor Voltage A.C of Testing: 2.5 Kv/5min v) Flame Retardant Standard: IEC 60332-1-2 vi) Long time Operating temperature: 90°C vii) Short circuit temperature: 250°C
15.	Per Coil Length	500 m.
16.	Catalogue	One set technical catalogue in English to be provided with the offer.
17.	Test trial	Test trial will be carried out at KSY by the supplier.
18.	Warranty	03 (Three) Years from successful test and trial.
19.	Shelf Life	To be mentioned

## **Name of the Item: Flexible Gauging Cable**

ser	Description	Specification
1.	Purpose	Flexible Gauging cable is required for the connection of Gauging torch with its respective ZD5-800 Carbon ARC Gauging machine. It will be used in Heavy duty ship building Industry in Bangladesh. It has to be soft, flexible, heat resistant, frost resistant, oil resistant and has anti pull cord inside.
2.	Quantity (unit)	01 (One) set of coil.
3.	County of Origin	To be mentioned
4.	Cable Produce Standard	EN 50525-2-81
5.	Name & address of Manufacturer	To be mentioned.
6.	Brand and Model	Brand & Model to be mentioned.
7.	Cable Type	To be mentioned.
8.	Number of cores	01 (one).
9.	Number of copper clusters	16 (sixteen)
10.	Conductor	i) Cross Sectional Area: 120.0 mm <sup>2</sup> ii) Conductor Shape: Round Flexible Copper wires, Class 5
11.	Outer sheath	i) Material/Color: PCP Rubber/To be mentioned ii) Nominal Thickness: 2.8 mm
12.	Core construction	i) Copper Conductor. ii) Non-woven wrapping tape. iii) Rubber Over sheath.
13.	Voltage grade	800 V.
14.	Finished Cable	i) Appr. Overall Diameter of cable: 21.7 mm ii) Appr. Weight (kg/km): To be mentioned. iii) Conductor Resistance at 20°C: $\leq 0.161 \Omega/\text{km}$ iv) Conductor Voltage A.C of Testing: 2.5 Kv/5min v) Flame Retardant Standard: IEC 60332-1-2 vi) Long time Operating temperature: 90°C vii) Short circuit temperature: 250°C
15.	Per Coil Length	250 m.
16.	Catalogue	One set technical catalogue in English to be provided with the offer.
17.	Test trial	Test trial will be carried out at KSY by the supplier.
18.	Warranty	03 (Three) Years from successful test and trial.
19.	Shelf Life	To be mentioned