



ENQUIRY



IRQS
AN ISO 9001 UNIT

HOOGHLY DOCK & PORT ENGINEERS LTD.

(A Government of India Undertaking)

SHIP BUILDERS – SHIP REPAIRERS – ENGINEERS

:
:Enq. no. 10/0217/08-09/
P-123 to 128/E-152

Registered Office : 1 R.N. Mukerjee Road, Kolkata – 700 001 : Date: 10.02.09

Nazirgunge Works : P.O. Danesh Sk.Lane, Howrah – 711 109 :

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To

M/s

**Sub: Supply of Bilge / Deck Wash/ Fire Fighting Pumps – 12 nos.
for 6 nos. Work Boat of IWAI**

Sealed tenders are invited from manufacturers/their authorized dealers for supply of following Pumps for 6 nos. Work Boat of IWAI.

Description	Capacity	Qty.
A) Bilge/Ballast/Deck Wash/Fire Fighting Pump	25M ³ /hr @ 20 MWC	12 nos.(2 nos. per vessel)

- 1] Sealed offers are to be submitted in Two Parts.
 - a) **Part – I** (Techno Commercial Bid) – To contain, all technical particulars, leaflets, Drawing, Specifications, Delivery Time & other Commercial terms.
 - b) **Part – II** (Price Bid) – To contain Price only.

Both Part I & II duly sealed & marked be submitted in main cover super scribed Tender no.
- 2] Technical specifications of the Pumps with Engine/Motors are indicated at attached sheet marked as ‘A’.
- 3] Pumps and Engine/Motors shall comply to rules & regulations of Indian Register of Shipping for construction and Classifications of Indian Waterways vessels.
- 4] **INSPECTION:** By Indian Register of Shipping.
- 5] **DELIVERY:**
Delivery to be made in 3 phases, i.e., two ships set in each phase.
Delivery of 1st phase consignment within 6 weeks from the date of issue of P.O.
- 6] **SECURITY DEPOSIT:**
The successful tenderer shall have to be deposited 5% of the total value of the purchase order & Security Deposit in the form of Cash/Demand Draft or Bank Guarantee.

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- 7] **L.D.CLAUSE :**
In case of delay in delivery of the materials beyond contractual stipulation, Liquidated damage @ 1% per weeks delay or part thereof subject to a maximum of 10% of the value of the lot shall be imposed and recovered from you.
- 8] **RISK PURCHASE:**
In the event of failure in supplying the materials as per contractual terms, HDPEL reserves the right to cancel the order and procure the materials from any other source at your risk of cost.
- 9] **PERFORMANCE GUARANTEE:**
Successful bidder / bidders are to submit Bank Guarantee for 10% value of the Purchase Order towards Performance of the equipment, Valid up to 18 months from the date of supply or 12 months from the date of commissioning.
- 10] **VALIDITY OF OFFER:**
90 days from the date of opening.
- 11] **PART ORDER:**
Order for Part Quantity should be accepted by the bidders.

for Hooghly Dock & Port Engineers Ltd.

Head (Materials) – NW

ENQUIRY NO. 10/0217/08-09/P-123-128/E- 152 dated 10.02.2009.

**TECHNICAL SPECIFICATIONS OF BILGE/DECK WASH/FIRE FIGHTING
PUMPS FOR SIX NOS. WORK BOAT FOR IWAI**

Bilge/Deck Wash/Fire Fighting Pump.

No. off : 12 Nos (2 Nos. per vessel).
Capacity : 25 M³/Hr @ 20 MWC.
Liquid to be handled : Sea Water.

A. Pump Type : 6 no. pumps (i.e. one no. per vessel) shall be operated by Maritime grade electric motor. Pump set to consist of one no. horizontal, self- priming, Centrifugal pump complete with prime mover and flexible coupling mounted on a common base frame and coupling guard provided.

One set suction and discharge pressure gauge with gunmetal gauge cock for each pump set .

One set of spare as per classification requirement for each pump set.

El. Motor

Marine duty, squirrel cage, drip proof, induction type suitable for 415V, 3 ph, 50Hz. AC supply with following details :-

Duty : Continuous.
Insulation : Class “B”
Enclosure : TKFC.
Protection : IP – 44.
Amb. Temp. : 45⁰C
Relative Humidity: 100% at 45⁰C

Make of the motor is to be indicated. However, the same is to be selected from the following makes only. i.e., Crompton Greaves / IEC / GEC / Jyoti / Bijlee.

Pump material. Specification:-

Casing : Pump body shall be of cast iron / Bronze
Impeller : Bronze to LG2 : BS 1400
Shaft : Stainless Steel.
Gland Packing : Sea Water resistant.

- B.** Technical specification of the other pump is same as (A) except the following requirement.

Pump will be operated by ship's D.G.set (in place of Electric Motor) through power take-off unit. Power tack-off unit which is in pump manufacturer's scope should be fitted with manually operated friction clutch.

Note :-

The offer should be supported with catalogue/tech. Literature other than family curves, performance curves for head, power and efficiency for offered pump set must be submitted with the offer.

The offered electric motor shall be covered. The power requirement of the pump for entire portion of the performance curves.

Overall dimensions of the complete set to be indicated. List of spares with price should be furnished with the offer. To confirm that three sets of relevant binding drawings will be supplied within two weeks of placement of L.O.I / P.O.

Head (Material)/NW