



# KHULNA SHIPYARD LIMITED

BANGLADESH NAVY, KHULNA.

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BABE (F) – 273/2019-2020/

29 August 2019

Dear Sir

## **INVITATION FOR QUOTATION OF 01 COMPLETE SET STANDT-UP RIDER COUNTERBALANCED FORKLIFT**

1. Khulna Shipyard Limited (KSY) will procure 01 COMPLETE SET STANDT-UP RIDER COUNTERBALANCED FORKLIFT as per the attached specification (05 pages).
2. Please send your offer at KSY site basis (including custom duty, local vat & tax etc.) by close envelope.
3. Tender opening date and time: 19/09/2019 (15:00 Hours).
4. **1%** (one) Earnest money of the total quoted value must be submit with offer Bid Bond may be Bank Draft/ Pay Order/ Bank Guarantee in favour of Khulna Shipyard Ltd, Khulna.
5. 10% Performance guarantee is to be submitted before Purchase Order.
6. Delivery 30 days from the Purchase Order.
7. 100% payment should be made after satisfactory acceptance by KSY deducted VAT & Tax.

Thanking you

Yours sincerely

SK. SHAH MOSHIUR RAHMAN  
Manger Commercial  
For Managing Director

**TENDER SPECIFICATION OF STAND-UP RIDER  
COUNTERBALANCED FORKLIFT (CAPACITY 03 TONS)**

1. **Name of the Equipment.** Stand-Up Rider Counterbalanced Forklift
2. **Purpose.** The Stand-Up Rider will be used to lift/ carry various machinery/ equipment etc. inside shipyard premises, fabrication shed and ware houses.
3. **Quantity.** 01 (One) number Complete Set.
4. **Manufacturer.** TCM/Toyota/Crown/Raymond (name and full address to be mentioned).
5. **Year of Manufacture.** 2017 or later. The item should be brand new and original.
6. **Country of Origin & Manufacturer.** USA, UK, Germany, Japan (name of the country to be mentioned).
7. **Certificate/ Document of Authentication.** The local supplier must provide following original certificate(s)/ document(s) with the offer/ quotation of items as regard to the genuineness of source and item(s) in order to establish chain of links from the original source to supply items:
  - a. One certificate/ document by the manufacturer in favour of the supplier (in case of manufacturer as direct source).
  - b. Two certificates/ documents, one by the manufacturer to authorized agent and other by the authorized agent to supplier (in case of authorized agent as immediate source).
  - c. Three certificates/ documents, first one by manufacturer to authorized agent, second one by authorized agent to sub-agent and third one by sub-agent to supplier (in case sub-agent as immediate source). If the supplier is unable to obtain the first certificate (by manufacturer to authorized agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.
8. **Standard.** The Stand-Up Rider is to be designed and constructed fulfilling the requirement of International standard. The standard to which the quoted Stand-Up Rider complies with is to be specified in details.
9. **Safety Rules.** The safety rules to which the Stand-Up Rider conforms are to be clearly specified in details. The safety devices fitted with the offered Stand-Up Rider are to be mentioned separately showing technical details.
10. **Ambient Condition.**

a.	Temperature	5°C to 50°C.
b.	Relative humidity	Upto 98%.
c.	Location	Close to the sea shore

11. **Scope of Supply.** The scope of supply is to include the followings:
- a. Main item (One Stand-Up Rider) should be completed with all items necessary for immediate operation without the requirement of any other items (attachments, accessories, consumables, etc) (as per paragraph 11 to 14).
  - b. Optional items (as per paragraph 15).
  - c. Tools (as per paragraph 16).
  - d. Spare parts and consumables (as per paragraph 17).
  - e. Test/ trial/ commissioning and acceptance services (as per paragraph 18 and 19).
  - f. Documents (instruction manual, workshop level repair manual, parts catalogue, factory test certificate etc. as applicable) (as per paragraph 20).
  - g. Warranty services and guarantee (as per paragraph 21 and 22).
  - h. Any other issue relevant (if any).

12. **Technical Specification.**

a.	<b>General.</b>	
	(1) Type	Stand-up rider Counterbalanced Forklift
	(2) Model	To be mentioned
	(3) Manufacturer/Brand	TCM/Toyota/Crown/Raymond or equivalent
	(4) Lifting capacity	03 Ton
	(5) Power Type	Electric (Heavy Duty Battery)
	(6) Operator Orientation	Stand Up
b.	<b>Mast.</b>	
	(1) Type	To be mentioned
	(2) Fork Height	3200 mm (Minimum)
	(3) Mast lowered (OHL)	2100 mm (Minimum)
	(4) Mast extended with LBR	4500 mm (Minimum)
	(5) Standard free lift	90 mm (Minimum)
	(6) Mast width (rail width)	620 mm (Minimum)
	(7) Forks (Length X Width X thickness)	To be mentioned
(8) Tilt angle (fwd/back)	To be mentioned (Standard Tilt angle is preferable)	
c.	<b>Overall Dimension.</b>	
	(1) Length (to face of forks)	1750 mm (Minimum)
	(2) Width (Chassis)	1000 mm (Minimum)
	(3) Height of Overhead guard	2200 mm (Minimum)
	(4) Height of Load Backrest	1200 mm (Minimum)
	(5) Carriage width	To be mentioned
	(6) Chassis Height	To be mentioned
	(5) Outside Turning radius	1450mm (Maximum)
	(7) Inside turning radius	To be mentioned
(8) Load centre	600 mm or Standard (To be mentioned)	
d.	<b>Grade Clearance.</b>	

	(1) Ramp break over angle	To be mentioned (Standard angle is preferable)
	(2) Departure angle	To be mentioned (Standard angle preferable)
	(3) Overhang (Front/Rear)	To be mentioned
e.	<b>Speeds Maximum.</b>	
	(1) Travel-loaded/unloaded (km/h)	To be mentioned
	(2) Lift-loaded/unloaded (mm/sec)	To be mentioned
	(3) Lowering-loaded/unloaded (mm/sec)	To be mentioned
	(4) Grade ability Maximum (Load/Unload)	To be mentioned
f.	<b>Wheels.</b>	
	(1) Tire Type (Front & rear)	To be mentioned
	(2) Wheels (Front & rear)	04 Nos. (2WD)
	(3) Front Tire Size	To be mentioned (Available in local market)
	(4) Rear Tire Size	To be mentioned (Available in local market)
	(5) Wheelbase	1150 mm (Minimum)
	(6) Ground Clearance	To be mentioned (High ground clearance is preferable)
	(7) Service Brake	Regenerative Braking System
	(8) Parking Brake	Auto-Applied/Electronic Release
g.	<b>Steering.</b>	
	(1) Steering System	Hydraulic
	(2) Traction Motor Type	AC Induction
	(3) Control Type	AC Inverter
	(4) Pump Motor Type	AC Induction
	(4) Hydraulic Control	Electro proportional
h.	<b>Battery.</b>	
	(1) Compartment Size (LXWX H)	To be mentioned
	(2) Battery nos. & type	To be mentioned ( will be Provide required battery with the item)
	(3) Max. Capacity (6hr. rating)	1200Ah (Minimum)
	(4) Total Battery Weight	To be mentioned

13. **Fittings/ Attachment.** All necessary fittings/ attachment including the following are to be provided:

a.	Common light fitting for front, rear, side indication, parking and back gear.
b.	Buzzer for back gear.
c.	Drawbar pin for rear towing arrangement.
d.	Easy engine view/inspection arrangement and dashboard engine gauges.
e.	Rear view mirrors.
f.	Driving horn.
g.	Easy tyre replacement arrangement.
h.	Batteries (specification to be mentioned in the offer)
j.	Sideways fork shifting arrangement.

k.	One extra seat for driver's assistant.
l.	01 set extra tyre/wheel.
m.	Air cleaner with dust indicator.
n.	Load Indicator.
p.	Glow plug indicator.
q.	Starter switch.
r.	Overhead guard.
s.	Retaining rollers.
t.	Full wide carriage.
u.	Comfortable seat.
v.	Tilt adjustable handle.

14. **Standard Accessories.** Standard accessories must include every item and accessories, which are essential to operate the stand-up rider whether those are mentioned in this specification or not. A list of such items/ accessories is to be provided with item wise price.

15. **Optional Items.** A list of optional items (if any) is to be mentioned indicating item wise price. Technical details of these items should be given in the offer.

16. **Tools.** 02 (two) sets of standard tools for maintenance of the stand-up rider is to be provided indicating item wise price. Quantity and size of the tools are to be mentioned in details in the quotation.

17 **Spare Parts.** A list of recommended spare parts required for 3 years of satisfactory operation is to be provided indicating item wise price in detail.

18. **Test, Trial and Commissioning.** Test, trial and commissioning will be carried out in buyer's premises (Khulna Shipyards Premises) by the buyer in presence of supplier's representative and if found satisfactory a test/ trial certificate will be signed jointly by the representative of supplier and the representative of buyer.

19. **Acceptance.** Acceptance will be considered on completion of joint test trial certificate duly endorsed (as per para 19).

20. **Documents.** Two (02) sets of following documents (in English) for the fork lift are to be supplied:

a.	<b>Instruction Manual.</b> It should contain the following:
	(1) Detailed particulars and specifications of the stand-up rider and their components.
	(2) Operation and safety instruction.
	(3) Maintenance instructions including maintenance schedule for the stand-up rider & their accessories.
b.	Workshop level repair manual.
c.	Parts catalogue.
d.	Factory test certificate.

21. **Warranty.** Warranty for trouble free operation is to be given by the supplier/ manufacturer for all the supplied items for a period of 12 months from the date of acceptance by the buyer. During the warranty period, if the stand-up rider remains non-operational for any action pending by the supplier, the warranty period will be extended for the same period. The warranty covers all parts and labour cost (including

service engineer's cost) throughout the warranty period. For warranty repair/ replacement, the supplier will collect the defective item from Khulna Shipyard premises and re-supply the same to collecting place after warranty repair or for replacement.

22. **Guarantee.** The Principal/ Manufacturer will provide guarantee for supply of spare parts for at least 10 years with reasonable price. Yearly increase of price of spares should not be more than 5% of the price list for spares to be supplied with the quotation.

23. **Delivery.**

The supplied items are to be delivered within 06 months from the date of signing the contract to the following address:

**Khulna Shipyard Limited (KSY)  
Bangladesh Navy  
Khulna-9201  
Bangladesh**

24. **Validity of Offer.** The offer should remain valid for at least 120 days.

25. **Condition for Acceptance of Quotation.** Quotation has to have supporting documents (all required certificates as mentioned before, booklets, leaflet, catalogue, brochure etc) having detailed particulars of the stand-up rider. If detailed information regarding specifications, maker's books and catalogue about the same model of the stand-up rider quoted, spare parts accessories, scope of supply, etc are not provided; the quotation will not be accepted.

26. **Compliance Statement.** A compliance statement (in a tabular format) fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes' or 'No' will not suffice and detailed description/ information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered the stand-up rider, the deviation has to be spelt out clearly.