



KHULNA SHIPYARD LIMITED

BANGLADESH NAVY, KHULNA.

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BABE (F) – 329/2019-2020/

24 August 2019

Dear Sir

INVITATION FOR QUOTATION OF MOBILE ELECTRIC SCISSOR LIFT.

1. Khulna Shipyard Limited (KSY) will procure **Mobile Electric Scissor Lift** as per the attached **specification**. (06 pages).
2. Please send your offer **at KSY site basis** within 11/09/2019 (15:00 Hours) by e-mail or close envelop.
3. **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.
4. 10% Performance guarantee is to be submitted before Purchase Order.
5. Delivery 30 days from the Purchase Order.
6. 100% payment should be made after satisfactory acceptance by KSY deducted VAT & Tax.
7. Foreign supplier can direct participate this tender. In this regard payment terms will be 70% against shipping documents and rest 30% will pay after satisfactory receive of material at KSY store.

Thanking you

Yours sincerely

SK. SHAH MOSHIUR RAHMAN
Manager Commercial
For Managing Director

TENDER SPECIFICATION OF MOBILE ELECTRIC SCISSOR LIFT **(For Main Store)**

1. **Name of the equipment** : Mobile Electric Scissor Lift
2. **Purpose** : The electric scissor lift will be used in the warehouse for lifting various types of industrial goods such as Machineries, Equipments, Raw Materials etc.
3. **Quantity** : 01 (One) number Complete Set.
4. **Brand** : To be mentioned.
5. **Model** : To be mentioned.
6. **Country of origin** : USA, UK, Canada, Netherland, Japan and EU countries (name of the country to be mentioned).
7. **Manufacturing Country** : USA, UK, Canada, Netherland, Japan and EU countries (name of the country to be mentioned).
8. **Manufacturer** : To be mentioned (Name and full address with Contact no to be mentioned).
9. **Year of manufacturer** : 2017 or later.
10. **Certificate/Document of Authentication.** The supplier must provide following original certificate(s)/ document(s) with the offer/quotation of items as regard to the genuinely 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 certificate/ documents, one by the manufacturer to authorized agent and other by the authorized agent to supplier (in case of authorized agent as immediate source).
11. **Scope of Supply.** The scope of supply is to include the followings:
 - a. Main items 01 (one) X Mobile Electric Scissor Lift, complete with all items necessary for immediate operation without the requirement of any other items (attachments, accessories, consumables, etc) (as per paragraph 14-18).
 - b. Optional items, tools (as per paragraph 19 and 20).
 - c. Spare parts (as per paragraph 21).
 - d. Documents (user manual, parts identification list, Parts Catalogue, maintenance manual, drawings etc; as applicable) and Certificates (as per paragraph 23 and 24).
 - e. Inspection, Test/Trial and acceptance services (as per paragraph 25).
 - f. Training, (as per paragraph 26).
 - g. Warranty services, Guarantee and Guarantee for Warranty (as per paragraph 27-29).

12. **Standard.** The Mobile Electric Scissor Lift is to be designed and constructed fulfilling the requirement of ASME/ANSI B11/ BS/ DIN /EN/ ISO standards. The standards to which the quoted Mobile Electric Scissor Lift complies with are to be specified along with quotation.

13. **Operating Environment:** The environment under which the Mobile Electric Scissor Lift will be operated and their performance will be measured is as under:

a. **Ambient Conditions.**

(1)	Air temperature	10°C~50°C
(2)	Relative humidity	Up to 98% (non-condensing)
(3)	Location	In-house

b. Intake Air. The Mobile Electric Scissor Lift will be Used in Main Store of KSY. All cooling/intake air will be taken from the atmosphere.

14. **General Description.**

The Mobile Electric Scissor Lift should have the load carrying capacity of 1 Ton. Which can be used for carrying different type of industrial goods such as steel material, plastic material, machineries, wooden materials from one place to another or ground floor to 1st floor. It should use and **electrical and hydraulic system** to ensure the high performance. ***An original catalogue from OEM showing all technical parameters of the Mobile Electric Scissor Lift is to be submitted with the quotation.***

15. **Technical Specification.**

a. **Mobile Electric Scissor Lift Specifications**

a.	Type	Mobile Electric Scissor Lift
b.	Load capacity	1 Ton
c.	Lift Platform Length	1800-2200 mm
d.	Lift Platform width	800-1000 mm
e.	Lifting height (Max)	6.0-8.0 meter
f.	Lifting Time at Max Level	To be mentioned (Less time is preferable)
g.	Bring Down Time at lower level.	To be mentioned (Less time is preferable)
h.	Operating/Drive way	Up-down forward-reverse & Easy rotatable.

i.	Maximum Operating/Drive speed	To be mentioned. (Standard speed for all direction is preferable)
j.	Turning Radius	To be mentioned
k.	Hydraulic Cylinder	Minimum 02 in numbers. (To be mentioned)
l.	Manufacturer of Hydraulic Pump and Cylinder	To be mentioned (Name and full address to be mentioned).
m.	Hydraulic oil grade	To be mentioned (First filling of oil to be supplied).
n.	Operating Voltage	To be mentioned
o.	Power Source	Battery (Required power to be mentioned). Required numbers of battery to be provided.
p.	Battery Charger	Automatic Battery Charger to be supplied with the item. Output: To be mentioned Input: 230V ($\pm 10\%$), AC, 50 Hz, Single Phase.
q.	Axis pin	Wear-resisting and pliable
r.	Grade ability	To be mentioned
s.	Tire/wheel	04 in numbers solid heavy and high quality rubber or nylon composition.
t.	Main structure	High strength and quality steel bar with anti corrosive coated. (Steel grade to be mentioned)
u.	Insulation Class	H (180°C/356°F)
v.	Ingress Protection (IP)	56 (Limited dust & low Pressure water)
w.	Anti-skidding	Yes
x.	Noise Level	To be mentioned. (Less noise is preferable)
y.	Ground Clearance	To be mentioned (Standard ground clearance is preferable).
z.	Overall dimension (when closed)	To be mentioned.

16. **Strength and Stability Criteria.** The strength and stability criteria should meet internationally recognized standard. The strength and stability Criteria to which the Mobile Electric Scissor Lift conforms is to be clearly specified.

17. **Safety Rules.** The safety rules should meet internationally recognized standard. The safety rules to which the Mobile Electric Scissor Lift confirms are to be clearly specified. The safety devices fitted with the offered Mobile Electric Scissor Lift are to be mentioned.

18. **Standard Accessories.** Standard accessories must include all items and accessories, which are essential to operate the Mobile Electric Scissor Lift whether those are mentioned in the specification or not. A list of such items/accessories is to be provided with the offer.
19. **Optional Items.** A list of optional items (if any) which may be required for the Mobile Electric Scissor Lift is to be provided indicating item wise price (price not included in the CFR). Technical details of these items should be given.
20. **Standard Tools.** A list of standard tools for maintenance/repair of the Mobile Electric Scissor Lift is to be provided with the quotation.
21. **Spare Parts.** A list of recommended spare parts required for the Mobile Electric Scissor Lift for 03 (three) years operation and its accessories including the following are to be provided with the quotation indicating item wise price. Number of spare parts will be finalized during contract.
22. **Installation:** The supplier will install the Mobile Electric Scissor Lift under the supervision of an OEM engineer at KSY premises. Machine should be supplied by the supplier in turnkey basis.
23. **Documents:** 02 (Two) Sets of following documents (in English language) are to be supplied with the Mobile Electric Scissor Lift.
 - a. Instruction Manual. It should contain the following:
 - (1) Detailed particulars and specifications of the Mobile Electric Scissor Lift and their components.
 - (2) Operation and safety instructions.
 - (3) Maintenance instructions including maintenance schedule for the Mobile Electric Scissor Lift and its accessories.
 - (4) Instructions regarding periodical tests and trials.
 - b. Workshop level repair/maintenance manual for the Mobile Electric Scissor Lift and its components.
 - c. Spare parts catalogue for the Mobile Electric Scissor Lift and its components.
 - d. All drawings of the Mobile Electric Scissor Lift its accessories.
 - e. Circuit diagrams, fault finding flow chart, etc of the Mobile Electric Scissor Lift along with a parts identification list to be provided.

24. **Certificates:** The manufacturer must give following certificates that all the mechanical, electrical and electronic components of the Mobile Electric Scissor Lift and its control system are safe and suitable. Following certificates should be provided with the Mobile Electric Scissor Lift as per ASME/ANSI B11/BS/DIN/EN/ISO standards:
- a. Load certificates.
 - b. Safety certificate.
 - c. Certificates from OEMs of major Equipment like Pump, Oil motor and Controls etc.
 - d. Others as per standard practice and classification rules.
25. **Inspection, Test, Trial and Acceptance:**
- a. The manufacturer shall carryout inspection and test of the relevant components as per ASME/ANSI B11/BS/DIN/EN/ISO standard before shipment and provide certificate to that effect as per paragraph 24.
 - b. The supplier's representative will carry out test and trial of the Mobile Electric Scissor Lift at the buyer's premises at Khulna Shipyard Ltd (KSY), Khulna in presence of the buyer's representative and handover the Mobile Electric Scissor Lift in fully operational condition to the KSY authority. A test/ trial report, in this regard, will be signed jointly by the representative of supplier and the representative.
 - c. The cost of airfare, boarding, lodging, man-hour cost etc, for the manufacturer's technical person(s), during his stay in Bangladesh, is to be borne by the manufacturer/ supplier.
26. **Training:** After completion of satisfactory test and trial, the supplier's engineer will provide a training of operate, control and maintenance for a period of 3 (three) working days or required.
27. **Warranty:**
- a. Warranty for trouble free operation will be provided by the principal/ manufacturer for all the supplied items for a period of at least 12 months from the date of acceptance by the buyer.
 - b. During the warranty period, if any machinery/equipment remains non-operational for any action pending by the supplier, the warranty period will be automatically extended by the same period.
 - c. The warranty should cover all parts and labour (including service engineer's cost) throughout the warranty period.
 - d. For warranty repair/ replacement, the supplier will collect the defective items from buyer's premises and re-supply the same to the collecting place after warranty repair/ replacement.

28. **Guarantee:** The Manufacturer will guarantee to supply the spare parts for at least 10 at reasonable price. Yearly increase of price of spares should not be more than 5% of the price list for spares provided with the quotation.
29. **Guarantee for Warranty:** The supplier shall furnish to buyer a Bank Guarantee for warranty (for the contracted items) after satisfactory handing over of the Mobile Electric Scissor Lift for an amount equivalent to 10% of the contract price, which shall remain valid until expiry date of the warranty period.
30. **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
31. **Validity of Offer.** The offer should remain valid for at least 120 days.
32. **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 Mobile Electric Scissor Lift. If detailed information regarding specifications, maker's books and catalogue about the same model of the Mobile Electric Scissor Lift quoted, spare parts accessories, scope of supply, etc are not provided, the quotation will not be accepted.
33. **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 Mobile Electric Scissor Lift, the deviation has to be spelt out clearly.