TECHNICAL SPECIFICATION OF DIESEL DRIVEN SCISSOR LIFT

1. **Name of the Equipment.** Diesel Driven Scissor Lift.

2. **Purpose.** The Diesel Driven Scissor Lift will be used on Floating Dock bed and in various bases/workshops for lifting man and material to support repair/maintenance work.

3. **Quantity.** 01 (One).

4. **Capacity.** 350 kg.

5. **Manufacturer, Principal Supplier & Local Agent.** Names and full address are to be mentioned in the following table.

Ser	Description	Remarks
a.	Brand/Manufacturer	To be mentioned
b.	Principal Supplier	To be mentioned
c.	Local Agent	To be mentioned

6. **Year of Manufacturing.** 2026.

7. **Country of Origin.** USA, UK, EU Counties, Switzerland, Norway, Japan and South Korea.

8. **Manufacturing Country.** Same as country of origin.

9. **Ambient Condition.**

a.	Air Temperature	5°C - 45°C.
b.	Relative humidity	Up to 95% (non-condensing)
c.	Location	Close to the sea area.

10. **Certificate/Document of Authentication.** Following certificate(s)/ document(s) must be provided with the offer/quotation:

a. One certificate/document by the manufacturer in favour of the Local agent (in case of manufacturer is the principal Supplier).

b. Two certificates/documents, one by the manufacturer to Principal Supplier and another by the Principal Supplier to Local agent (in case of Principal Supplier is not the manufacturer/distributor).

c. Three certificates/documents, first one by the manufacturer to authorized distributor/agent, second one by authorized distributor/agent to Principal Supplier and third one by Principal Supplier to Local agent (in case of principal supplier supplies the item from manufacturer's authorized distributor/agent).

11. **Standard.** The offered equipment shall be designed, manufactured, tested, and certified in accordance with the applicable international standards (ISO, CE, BS EN). The bidder shall submit valid documentary evidence of the standard to which the quoted item complies with.

12. **Scope of Supply.** The scope of supply is to include the followings:

a. Main equipment 01 X Diesel Driven Scissor Lift with all items necessary for immediate operation without the requirement of any other items (attachments, accessories, consumables, etc) (as per paragraphs 13 to 15).

b. Tools (as per paragraph 16).

c. Spare parts (as per paragraph 17).

d. Document (operating & maintenance manual, spare parts catalogue, circuit diagram, certificate, etc; as application) (as per paragraphs 18, 19 and 20).

e. Test/Trial and acceptance, Training (as per paragraph 21 and 22).

f. Warranty and guarantee (as per paragraphs 23 and 24).

g. Any other issue relevant (if any).

13. **Technical Specification**.

a.	Type	Diesel Driven Scissor Lift
b.	Model	To be mentioned
c.	Maker/Brand	To be mentioned
d.	Maximum working height	14 m
e.	**Platform Dimension**	
	(1) Maximum platform height	Not less than13 m
	(2) Platform length	To be mentioned
	(3) Platform width	To be mentioned
f.	Capacity	350 kg
g.	No of hydraulic ram cylinder	To be mentioned
h.	Size of hydraulic ram cylinder	To be mentioned
j.	Travelling speed	To be mentioned
k.	Drive	Four wheel
l.	Drive speed (stowed)	Not less than 5 km/hr
m.	Drive speed (raised)	Not less than 1 km/hr
n.	Platform height in folded condition	Not more than 2 m
p.	Maximum drive height	Full height.
q.	Weight	To be mentioned
r.	Fuel type	HSD
s.	Ground clearance –centre	To be mentioned
t.	Overall dimension	To be mentioned
u.	**Engine for Hydraulic Diesel Driven Scissor Lift**	
	(1) Type	To be mentioned
	(2) Model	To be mentioned
	(3) Maker	To be mentioned
	(4) No of cylinders	To be mentioned
	(5) Starting system	To be mentioned
	(6) Fuel tank capacity	To be mentioned
	(7) Hydraulic oil tank capacity	To be mentioned
v.	Tyre	Rubber type with inflatable tube

14. **Safety Device.** All required safety devices as per standard must be included in the Diesel Driven Scissor Lift. Bidders are to provide the list of safety devices incorporated in the quoted Diesel Driven Scissor Lift, which should include but not limited to the followings:

a. With lifting platform overhead hydraulic safety protection system.
b. Anti-fall safety protection device.

c. Automatic breaking functions of driving motor.
d. Manual option for emergency descending.

15. **Standard Accessories**. Standard accessories must include all items and accessories which are essential to operate the Diesel Driven Scissor Lift, whether those are mentioned in the specification or not. The price of standard accessories is to be **included in the FOB value**.

16. **Tools**. One (01) set of standard tools for maintenance of the Diesel Driven Scissor Lift is to be provided. Quantity and size of these tools are to be mentioned in the quotation. That price will be added with total price while evaluating the comparative price of the suppliers. Following standard tools are to be provided with the Diesel Driven Scissor Lift:

Ser	Description	Deno	Qty
a.	Spanners of different sizes	Set	01
b.	Pliers	No	01
c.	Pump grease	No	01
d.	Screw driver	Set	01
e.	Hexagon, wrench	Set	01
f.	Hubnut wrench	Set	01
g.	Hydraulic jack of appropriate capacity with handle	No	01

17. **Spare Parts.** A recommended list of spare parts required for the Diesel Driven Scissor Lift for 05 years running is to be provided with the quotation indicating itemised price. BN shall have option to choose from the list of spares partially or completely. However, these prices will not be included for financial evaluation of the offer. Following spare parts are to be provided with the Diesel Driven Scissor Lift:

Ser	Description	Deno	Qty
a.	Hydraulic oil filter	No	02
b.	Fuel filter	No	02
c.	Air filter	No	02
d.	Engine oil filter	No	02
e.	Head gasket of engine	Set	02

18. **Certificate**. The manufacturer will give a certificate, which will from a part of the contact that all the mechanical, electrical and electronic components of the Diesel Driven Scissor Lift and its control system are currently in production. Following certificate will be provide with the Diesel Driven Scissor Lift.

a. Load certificate.
b. Safety certificate.
c. Others as per standard classification rules.

19. **Quality Assurance Certificate**. Quality assurance certificate in respect of the associated equipment regarding its manufacturing and performance is to be provided at the time of delivery of the items.

20. **Documents.** 02 (two) sets of following documents in English language is to be supplied with the Diesel Driven Scissor Lift (free of cost):

a. Operation and safety instructions.
b. Maintenance instructions including maintenance schedule for the Diesel Driven Scissor Lift and its accessories.
c. Instruction regarding periodical test & trial.
d. Workshop level repair manual for the lift and its component.
e. Spare parts catalogue for the Diesel Driven Scissor Lift and its component.
f. Quality assurance certificate (QAC).

g. Declaration for warranty para as per 23.
h. Guarantee for spare supply as per para 24.

21. **Test/ Trial and Acceptance**. The supplier will carry out test and trial of the Diesel Driven Scissor Lift in presence of buyer's representative. After satisfactory test, trial and necessary training programme, an acceptance certificate will be signed jointly by the supplier's representative and the representative of buyer.

22. **Training**.

a. A training session of minimum 03 (three) working days shall have to be provided after the tests/trials and commissioning of the Diesel Driven Scissor Lift. The training will have to be conducted by a sufficiently qualified and experienced OEM authorized technician. Costs incurred for the trainer will be borne by the Supplier.

b. Training must include operation, watch keeping, periodic inspections, routine maintenance and repairs including replacement and calibrations/tuning/setting to work (STW) of the Equipment.

23. **Warranty.** Warranty for trouble free operation is to be given by the manufactures for a period at least 01 (One) years from the date of acceptance by the buyer. During the warranty period, if Diesel Driven Scissor Lift 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 (including including OEM or authorized service engineer's cost) throughout the warranty period.

24. **Guarantee.** The manufacturer will guarantee to supply the spares for at least 10 years at reasonable price. Yearly increase of price of spares should not be more than 5% of the price provided in the quotation.

25. **Shipment.** The following information is to be provided (if applicable):

a. The supplier will arrange shipment of all items by sea/ airport in Bangladesh.

b. All items are to be delivered in sea/air-worthy packaging to ensure safe transportation by sea/ air.

c. All packages are to have packing notes showing their contents in detail and all packages shall be marked with the name and address of the consignee and gross weight.

d. The supplier will arrange transportation of all supplied items from sea/ airport to the NSD Chattogram.

e. **Port of Shipment.** Any port of manufacturing country.

26. **Delivery.**

a. The items are to be delivered within **09 (Nine)** months from the date of signing the contract to the following consignee:

The Commanding Officer, Naval Stores Depot Chattogram, New Mooring Chattogram, Bangladesh

b. **Place of Delivery**. NSD Chattogram.

27. **Validity of Offer**. The offer should remain valid till **30 June 2027** from the date of tender opening.

28. **Currency.** Foreign Currency.

29. **Terms of Payment**. L/C for the full purchase amount will be opened in favour of the principal supplier under the following payment terms:

a. 80% of the total LC value will be paid on delivery of the items described under the scope of supply and on production of necessary shipping documents.

b. The remaining 20% of the LC value will be paid upon producing an 'Acceptance Certificate' after satisfactory test and trial jointly carried out by the buyer's and supplier's representatives.

30. **Condition for Acceptance of Quotation.** Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered Diesel Driven Scissor Lift. If detailed information regarding specifications, maker's books and catalogue about the same model of the Diesel Driven Scissor Lift Quoted, spare parts, accessories, scope of supply, etc are not provided; the quotation will not be accepted.

31. **Compliance Statement.** A compliance statement 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 Diesel Driven Scissor Lift the deviation has to be spelt out clearly.