

**SCHEDULE  
FOR  
REPAIRS OF STEEL POWER BOATS**

Sl.	Details of items of repairs	Rate
1	(a) Dry docking, hauling the boat before repair L.S.	
	<u>Rate per boat.</u>	
	i) In Board Engine	-----
	ii) Out Board Engine	-----
	(b) Launching the boat after repairs and painting L.S.	
	<u>Rate per boat.</u>	
	i) In Board Engine	-----
	ii) Out Board Engine	-----
2	Scrapping & Chipping the hull deck & super structure both inside and outside & painting the same with 3 coats of marine paints as per existing colours	
	a) Rate per sft.	
	b) <u>Rate per boat</u> :-	
	i) In Board Engine	-----
	ii) Out Board Engine	-----
3	Renewal of corroded & damaged plate of hull, deck, bulk head, skeg & super structure by new plates as per existing thickness including cutting & fixing with welding / re-erecting (steel to be supplied by the contractor)	
	<u>Rate per M.T.</u>	
	a) 6 mm plates	-----
	b) 5 mm plates	-----
	c) 4 mm plates	-----
	d) 3.15 mm plates	-----
4	Renewal of corroded frames, angles by new M.S. frames & angles as per existing dimensions including cutting and fixing with welding / re-erecting (steel to be supplied by the contractor)	
	<u>Rate per M.T.</u>	
	a) 25 x 25 x 5 mm size	-----
	b) 30 x 30 x 5 mm size	-----
	c) 35 x 35 x 6 mm size	-----
	d) 40 x 40 x 6 mm size	-----
	e) 45 x 45 x 6 mm size	-----
	f) 50 x 50 x 6 mm size	-----
	g) 65 x 65 x 6 mm size	-----

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5	Painting the boat outside above W.L. & inside Hull & superstructure after necessary scrapping & cleaning with 2 coats of marine paints of existing colour.	
	a) Rate per sft.	-----
	b) <u>Rate per boat</u> : -	
	i) In Board Engine	-----
	ii) Out Board Engine	-----
6	Repairs to corroded & holed hull / skeg / deck & super structure plates with new M.S. plates of required thickness by patch welding (both side)	
	<u>Rate per MT</u>	
	a) 6 mm plate	-----
	b) 5 mm plate	-----
	c) 4 mm plate	-----
	d) 3.1 mm plate	-----
7	Renewal of <b>wooden planks</b> of deck, superstructure, gunwals and coaming, as per existing dimnesion with sal timber including fitting with screws and caulking & puttying the planks seams with oakum & marineglue to make water tight	
	<u>Rate per sft.</u>	
	a) 1 1/4" thick	-----
	b) 1" thick	-----
	c) 3/4" thick	-----
8	Renewal of deck beams with <b>sal timber</b> as per existing dimension including fixing & fitting.	
	<u>Rate per rft.</u>	
	a) 2" x 5"	-----
	b) 2" x 4"	-----
	c) 1 1/2" x 3"	-----
9	Supplying & fitting of floor frames with <b>synthetic</b> of required dimension including fitting & fixing	
	<u>Rate per rft.</u>	
	a) 2" x 4"	-----
	b) 2" x 3"	-----
	c) 1 1/2" x 3"	-----

Sl.	Details of items of repairs	Rate
10	Renewal of roof frames, battens with <b>sal timber</b> of thick including fitting & fixing with M.S. Bolts and nuts	
	<u>Rate per rft.</u>	
	a) 2" x 1"	-----
	b) 2 1/2" x 1"	-----
11	Repairs to & renewal of bench planks with <b>sal plank /marine ply</b> of required thickness including fitting & fixing with screws.	
	<u>Rate per sft.</u>	
	a) <b>sal planks</b>	
	i) 3/4" thick	-----
	ii) 1" thick	-----
	b) <b>Marine Ply</b>	
	i) 9 mm thick	-----
	ii) 12 mm thick	-----
12	Renewal of side screenes with 18-oz, W.P. cotton canvas complete with fitting arrangements of rollers complete fitting & fixing with sal battens, brass screws & M.S. Nuts and bolts.	
	Rate per sft. -----	-----
13	Repairs to navigational light stands as per existing dimension complete with fixing arrangement for navigation light	
	Rate per each. -----	-----
14	Renewal of roof railing with <b>synthetic</b> battens including fitting & fixing with railing bracket.	
	<u>Rate per rft.</u>	
	a) 2" x 1"	-----
	b) 1 1/2" x 3/4"	-----
15	Supply of access ladder 12'.0" x 0'.10" x 1 1/4" thick made with <b>sal wood</b> including painting B.S. Grey paints	
	Rate per each -----	-----
	Sal wood/Iron (G.I)	
	a)Sal wood ---	
	b)Iron (G.I) ----	
16	Chipping, scraping, cleaning & painting anchor & chain with anti-corrossive black paints	
	b) <u>Rate per each</u> :-	
	i) In Board Engine	-----
	ii) Out Board Engine	-----

Sl.	Details of items of repairs	Rate
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17 Supply of bamboo (Kata) suitable for boat 1 1/2" to 2" dia 20ft.  
 Long  
 Rate per each -----

18 Supply & fitting of side planks supporting roof frame with sal planks including fitting & fixing with screw and bolts & nuts  
Rate per sft.  
 a) 3" x 3/4" -----  
 b) 4" x 1" -----

19 a) Repairs to existing rudder including fitting & fixing to boat  
Rate per MT.  
 b) Provision of new steel rudder complete with tiller as per existing dimension, including fitting & fixing to the boat  
Rate per MT.  
 c) Renewal of tiller with M.S. angle as per required dimension including labour charges  
 a) Rate per each -----  
 b) Rate per MT.

20 Providing new G.I. Sheets of 24 gauge thick or new alluminium sheet of 26G on the roof, including fitting & fixing with iron screws & bolts & wooden battens, complete making the roof water tight. The joints should be made to stop leaking of water.  
Rate per sft. :  
 a) Alluminium -----  
 b) G.I. Sheets -----

21 Renewal of **synthetic/ wooden** of Gunwale, deck with **sal timber** of including fitting & fixing with screws  
 Rate per rft. -----  
 synthetic /Wooden  
 A B  
 a) 2" x 1 1/2" -----  
 b) 1 1/2" x 1 1/2" -----  
 c) 1 1/2" x 1" -----  
 d) 1" x 1" -----

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22 Provision of 9 mm thick, masonite or synthetic plywood in the roof including fitting and fixing

Rate per sft.

- a) Masonite -----
- b) synthetic plywood -----

23 Renewal or providing M.S. angle rafters for roof including fitting & fixing

Rate per MT

- a) 25 x 25 x 5 mm -----
- b) 30 x 30 x 5 mm -----
- c) 35 x 35 x 6 mm -----
- d) 40 x 40 x 6 mm -----
- e) 45 x 45 x 6 mm -----
- f) 50 x 50 x 6 mm -----
- g) 65 x 65 x 6 mm -----

24 Provision of new tarpfelt over masonite / timber roof laid on thick paints including fitting & fixing to make it water tight

Rate per sft. -----

25 a) Renewal of steering wire rope flexible & complete fitting & fixing with M.S. clamps

Rate per rft. :

- i) 5/16" dia -----
- ii) 3/8" dia -----
- iii) 1/4" dia -----

b) Renewal of steering chain as per existing dimension completed with fitting & fixing with M.S. clamps

Rate per rft. -----

c) Renewal of steering wire guide pulley including fixing with M.S. brackets, bolts and nuts to the boat.

Rate per each.

- i) 3" dia -----
- ii) 4" dia -----

d) Renewal of steering wire rope adjusted to steering guide & including fitting and fixing

Rate per each -----

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e) Renewal of chain clamps or shackles as per existing dimension and materials

Rate per each -----

f) Renewal of steering chain link including welding etc.

Rate per link -----

26 A) Renewal of glass pannels with 5 mm thick, ordinary glass complete fitting & fixing with nails etc.

Rate per sft. -----

B) Renewal & repairs to window frames with Sal timber including fitting & fixing with hanger & hooks & painting with 2 coats of paints

a) Rate per each

i) 3" x 1" -----

ii) 2" x 2" -----

b) Rate per rft.

i) 3" x 1" -----

ii) 2" x 2" -----

C) Supply and fitting of window hinges and hooks

Rate per each

a) Hinges -----

i) 2" long -----

ii) 3" long -----

b) Hook -----

27 A) providing new door with 3/4" thick sal planks including fitting & fixing with hinges & hooks in the boat.

Rate per boat -----

B) Providing new door frames with sal including fitting & fixing to the boat

Rate per rft.

i) 2" x 2" -----

ii) 3" x 1 1/4" -----

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C) (i) Repairs to existing doors with frame **sal** as per existing dimension.

Rate per sft. -----

(ii) Repairs to existing door frames with **sal**

Rate per rft.

i) 2" x 2" -----

ii) 3" x 1 1/4" -----

28 Renewal of **synthetic** floor boards with **synthetic** as per required dimension including fitting and fixing to the boat.

Rate per sft. (a) 1" thick -----

(b) 3/4"thick -----

29 Repairs to and renewal to engine bearers of as per existing dimension with M.S. Plate & angles including fitting & fixing & welding etc.

Rate per MT, Plate / Angle -----

30 Rectification of distoration of propeller blades as and where necessary

Rate per propeller -----

31 Supply & fitting of brass and copper pin to propeller shaft to lock the nut of propeller

Rate per each -----

32 Supply & fitting of M.S. nuts & bolts as and where necessary

Rate per each

i) 1/4" x 2" to 3" long -----

ii) 3/8" x 3" to 4" long -----

iii) 1/2" x 4" to 5" long -----

iv) 5/8" x 5" to 6" long -----

33 A) Supplying & fitting of C.I. Bollard and fair lead with M.S. nuts & bolts on wooden base

Rate per each

a) C.I. Bollard

i) 7" long -----

ii) 3" to 4" long -----

b) Fair lead -----

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B) Taking out the existing C.I. Bollard and fair leads & refitting with new M.S. bolts & nuts after renewal of wooden base

Rate per each

- a) C.I. Bollard
  - i) 7" long -----
  - ii) 3" to 4" long -----
- b) Fair lead -----

34 Supplying of dressed sal ballah

Rate per each

- i) 4" dia - 12' long -----
- ii) 5" dia - 14' long -----
- iii) 6" dia - 16' long -----

35 Supplying & fitting of flag stand of 5' height with M.S. rod or sal timber with 2 coats of approved paints including fitting and fixing to the boat.

Rate per each

- a) Wooden flag stand -----
- b) M.S. flag stand -----

36 Fitting and fixing of old existing servicable steel plate after cutting & welding

Rate per rft. -----

37 Fitting the engine and stern-gear assembly complete with necessary allignment of propeller shaft and stern tube.

Rate per each -----

38 Providing new roof ralling made with M.S. rod 12 mm dia and where necessary including fitting & fixing with welding

Rate per rft. -----

39 Renewal and repairs to stanchion with **sal wood** including fitting & fixing to the boat with M.S. Bolts and nuts

Rate per rft.

- a) 3" x 2"
- b) 3" x 1 1/2"



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40 M.S. Scraps recovered from the boat after repairs (The M.S. scraps have to take back by the repairing agency)

Rate per kg. -----

(Highest bid rate will be accepted)

41

Labour charges of overhauling of engine with sterngear assembly including machining work and calibration of fuel pump.

Rate per each (a) Inboard Engine -----