

No.12/882/2011-P/BSF/WC
Government of India/Bharat Sarkar
Ministry of Home Affairs/ Grih Mantralaya

26, Man Singh Road, Jaisalmer House
New Delhi, dated, the 5th December, 2011

To

01/10 *16/07* *02/10/08*
The DsG: AR/BSF/CRPF/CISF/ITBP/NSG/SSB -19/2009

Sub:- QRs/Technical Specifications of Top Covered Speed Boat fitted
with twin engine 75 HP OBMS (four strokes)

Sir,

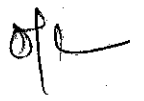
I am directed to forward the QRs/Technical Specifications on the
above subject, as per annexure, approved by the competent authority for
further needful.



(S.B. Nanda)

Under Secretary (Prov-I)

Tele No.23381278



Copy to:-

1. DD(Procurement)

Copy for information to:-

1. PS to JS(PM)

Copy also to:-

1. NIC, MHA, North Block, for publishing in MHA, website.

BOARD PROCEEDING

Proceedings of : A Board of Officers

Assembled at : FTR HQ SB BSF

Held on : 3 Feb' 2011.

By the order of : Inspector General Order No-WW/Proc/Top Cover/Speed Boat/2011/203-10 dated 18 Jan 2011

For the purpose of : for framing of technical specification and QRS for procurement of Top covered speed Boats fitted with twin engine 75 HP OBM (Four strokes) against deficiency of FTR HQ BSF SB (Water Wing).

COMPOSITION OF THE BOARD

Presiding Officer : SURENDRA MISHRA JIC/WW, FTR HQ SB BSF

Member 1 : M K Mehta DC (MT) SHQ BSF KOLKATA

Member 2 : R K Sharma AC (WW), FTR HQ SB BSF

The board having been assembled pursuant to above orders proceeds for framing of technical specification and QRS for procurement of Top covered speed fitted with twin engine 75HP OBMs (four strokes) against deficiency in water wing FTR HQ BSF vide FHQ BSF Prov Dte (ww) Sig No Q 3742 dated 28 December 2010.

GENERAL

FRP boats suitable to operate in riverine areas and on tidal waves of coastal areas.

THE PRINCIPAL DIMENSION

Length : 7.5 Mtrs ± 0.5 M *30m 27/1/2011 A.K. TIWARI DIG (WW)*

Speed : 25 knots plus

OBM : Any reputed brand OBM (75HP-Twin OBM Mercury/Marinox/Yamaha/Elnorade etc. petrol Operated electric start with remote and steering System. *30m 27/1/2011 A.K. TIWARI DIG (WW)*

Breadth : 2.5 Mtrs ± 0.5 M *30m 27/1/2011 A.K. TIWARI DIG (WW)*

Draught : 0.3 Mtr max

Compliment : Seating arrangement for 12+2 pers

Buoyancy : P.U foam of 2.2 Lbs /Cft

Weight : Not more than 1000 Kg.

Load : 14 Person with full compliment.

Noted



Signature

Technical Specification

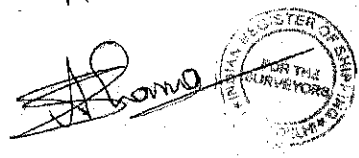
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- Length : 7.5 M ± 0.5 M
- Breadth : 2.5 M ± 0.5 M
- Height : 1.0 M
- Draft : 0.3 M
- Weight : 1000 ± 50 Kgs without OBM
- Pay Load : 12 + 2 Person
- Construction : Fiberglass reinforced plastic
- Reinforcement : Quality chopped strand mat & woven roving
- Matrix : Isophthalic polyester resin boat grade integrally coloured
- Framing : Internal stiffener with FRP frames filled with P.U. foam.
- Buoyancy : P.U. Foam of 2.2 lbs/ cft
- Deck : Fiberglass reinforcement plastic
- Fittings : All aluminium alloy/ stainless steel
- Fender : Rubber fender
- Engine : Any reputed brand OBM (75 HP - Twin OBM) ie Mercury/ Mariner/ Yamaha/ Evinrude etc. operated electric start with remote & steering system.
- Power : 2 X 75 HP OBM with additional 200 X 2 Ltrs fuel tank
- Speed : 25 Knots plus
- Fresh water Tank : Provision to keep 20 Ltr Jerry can
- Controls : Gear & accelerator system.
- Hull construction : To classification Rule requirement

[Signature]
27/8/2011
A. K. TIWARI
DIG (W/V.)

[Signature]
27/8/2011 / A. K. TIWARI
DIG (W/V.)

Noted



Accommodation

The boat will have double hull the entire floor should be filled with polyurethane foam as per rule requirement to make the boat unsinkable. Side longitudinal benches will be provided for seating 12 people with enough leg space in the centre.

Boat Eqpts to be supplied

- Cleats
- Boat Hook
- OBM Mounting arrangements
- Rowing Paddles.
- 12 MM dia 30' polypropylene Rope with anchor
- Fire extinguisher (4 x 500 ml)
- Battery
- Navigation Light
- Manual bilge pump
- Search light
- Townie bollard
- FRP plastic inbuilt first aid box
- Cushion on all seats
- Rear view mirror

Canopy

- A stowable acrylic canvas canopy may be fitted.
- The canopy folds aft and stows above the transom.

Life saving Equipments

Following Life saving equipments as per SOLAS standard to be provided.

- | | |
|-----------------|----------|
| i) Life Jackets | - 10 Nos |
| ii) Life Buoys | - 02 Nos |

Performance

Speed

The boat in calm water with POB 14 shall not give less than 25 knots.

Warranty

Warranty on the boat and OBM should be at least 12 months from acceptance of each Patrol Boat by the BSF from the manufacturers.

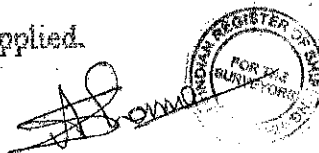
Miscellaneous

Wind Screen - Walk through wind screen.

Buoyancy - P.U.Foam of 2.2 lbs/cft

Bilge pump - Hand operated bilge pump be supplied.

noted

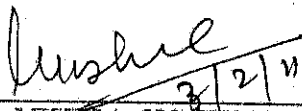


RECOMMENDATION OF THE BOO:

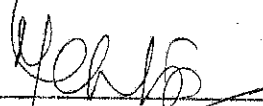
Having considered all the aspects, the board recommends the following:-

- a) The BOO further recommends the boats should have detachable arrangements for placing at least two Light Machine Guns
- b) The boat should have sitting arrangement in such a way to provide observation on both sides.
- c) 25 % spare OBM should be procured along with the boats

Presiding Officer


3/2/11
SURENDRA MEHRA, 2IC FTR HQ BSF SB

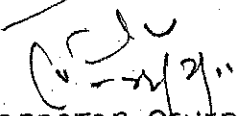
Member - 1.


M K Mehta DC (MT) SHO BSF KOLKATA

2.


03/02/11
R K Sharma AC (WW) FTR HQ BSF SB

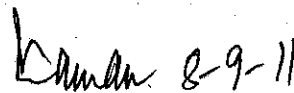
APPROVED/NOT APPROVED


INSPECTOR GENERAL
HQ BSF SB FTR.

Noted




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(RAMAN SRIVASTAVA)
DIRECTOR GENERAL
BORDER SECURITY FORCE