

- 23 -
Ministry of Home Affairs
Prov-I Desk

The BSF proposal on the file is regarding procurement of 02 Nos Hovercraft.

2. The Gujarat Ftr/BSF has projected their requirement for 02 Nos Hovercraft for better and speedy domination of creek area adjoining to Rann of Kutch in Gujarat for better vigilance.

3. In absence of the QRs of Hovercraft, the BSF formulated the QRs and placed it on their official website on 7 April 2008 (Flag "C") seeking suggestions and comments from the firms manufacturing the Hovercrafts. On the basis of technical specifications, submitted by the three firms, i.e. (a) M/s Instasol technology Pvt, Ltd, India (b) M/s Vanair Hovercraft, Canada and (c) M/s Griffon Hovercraft Corporation, Bangalore, India, the QRs framed by BSF were examined in the light of technical specifications of the firms. Further, in response to the BSF notice placed on their official website, to discuss the various aspect relating to technical specification of hovercraft on 2.5.2008 at 1500 hrs in the Chamber of Addl DIG(WW), a representative of M/s Instasol technology Pvt Ltd, attended the meeting and discussed the QRs of Hovercraft formulated by BSF.

4. After examining the offers of various firms, BSF has formulated Broad QRs of Hovercraft based on operational requirement of Gujarat Ftr. to dominate the Creek area adjoining Rann of Kutch. The QR of proposed Hovercraft has been prepared in consultation with Coast Guard which has been got vetted by the IRS as under:-

GENERAL QRs OF HOVERCRAFT

Dimensions	Hovercraft proposed by BSF
Type of engine with HP	Diesel engine with suitable IIP
Material of Hull	Aluminium/FRP
Carrying capacity	18 + 1 = 19
Speed at full payload	Min 35 knots
Endurance	8 hours
Approx obstacle clearance	0.50 Mtr Min.
Max Pay Load	2200 Kgs excluding fuel and water
Braking	Having reversing capability
Sea State	Operation in sea state at 3
Ballistic protection	i) Ballistic protection to wheel house from 7.62 mm NATO ball amn. ii) Provision of mounting gun on top of wheel house and capable of operating from wheel house.

5. Before the proposal of BSF is considered in the Ministry in consultation with the IFD(Home) for procurement of 02 Nos Hovercraft, the Competent Authority in the Ministry may be requested to accept the QRs of Hovercraft.

Dir (BSF)

JS (PM)

AS (GS)

15/10/08

Director
21.10.08

Amad
20.10.08

21/10/08

Chand
21/10

21.10.08

21.10.08

Sensitivity

4949/Disc/BSF/08
21/10

A-2678/JS (PM)/08
21/10

2548/AS/13/08
21/10/08

103

GENERAL QRS OF HOVERCRAFT

Dimensions	Hovercraft proposed by BSF
Type of engine with HP	Diesel engine with suitable HP
Material of Hull	Aluminium/FRP
Carrying capacity	18 + 1 = 19
Speed at full payload	Min 35 knots
Endurance	8 hours
Approx obstacle clearance	0.50 Mtr Min
Max pay load	2200 Kgs excluding fuel and water
Braking	Having reversing capability
Sea State	Operation in sea state at 3
Ballistic protection	i) Ballistic protection to wheel house from 7.62 mm NATO ball amn ii) Provision of mounting gun on top of wheel house and capable of operating from wheel house.

- i) **Intended area of operation** : Creek area of Gujarat, Rann of Kutch,
- ii) **Type of operation** : Marshy and rann area patrolling, interception, logistic support and act as mobile command vessel.
- iii) **Maintenance Support** : 05 years which may be extendable on mutual agreement.

R. Sachdev
12. 3/7/08
(R. Sachdev)