

☎ Telephone : 011-23335094

Modernisation (AC)
Dte Gen Mech Forces
General Staff Branch
Integrated HQ of MoD (Army)
DHQ PO New Delhi-110011

A/35854/Lt Tk/GS/Mod (AC)

May 2010

REQUEST FOR INFORMATION FOR LIGHT TANK (WHEELED & TRACKED)

1. Please refer your response to the 'RFI for light tanks'.
2. On studying and analyzing your response to our RFI Questionnaire for the light tank (tracked), it was observed that there are many voids of information in the response provided by you. We understand that certain inputs may not be divulged at this stage or require clarification/discussion with the customer, however we expect more information on certain technical and physical parameters. Information provided by you will not only help us to know more about your Equipment but also help us to formulate our requirements.
3. A additional questionnaire is enclosed as appendix, you are requested to reply by 20 Jun 2010.
4. You will be informed by this directorate, if any additional information/clarification or presentation on the equipment will be required.
5. The information may be directly send at the following address :-

(a) Directorate General of Weapons and Equipment (WE-9) General Staff Branch Room No 208G, South Block Integrated HQ of MoD (ARMY) DHQ PO New Delhi – 110 011 Fax No : 0091-11-23793274 E-Mail : we_dte@yahoo.com	(b) Modernisation (AC) DGMF 'A' Wing, Sena Bhawan IHQ of MoD (Army) New Delhi - 110 011 Fax No : 011 - 23792508 011 – 23333570
(c) Directorate General Perspective Planning GSQR Cell Room No 902, 'A' Wing Sena Bhawan, Integrated HQ of MoD (ARMY) DHQ PO New Delhi – 110 011 Fax No : 0091-11-23011198	

6. An early response is requested.

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Maj
GSO-1, Modernisation (AC)

QUESTIONNAIRE : LT TANK (WHEELED)Q.1 **Mobility**

S. No	Information / Query	Y/N	Specifications/ Description
(a)	What is the power to wt Ratio of the light tank?		
(d)	Is the tank Air portable / dropped?		
(e)	What are the dimensions of the light tank?		
(f)	What is the bridge classification of the light tank?		
(k)	Is the Self recovery capability on land and for exiting from water obstacle provided?		
(l)	Is light tank Amphibious or not? If yes, specify capability.		

Q.2 **Fire Power**

S. No	Information / Query	Y/N	Specifications/ Description
(a)	Is the main gun of caliber $\geq 105\text{mm}$?		
(b)	Are twin launchers for ATGM provided?		
(c)	Can launchers fire In service missiles?		
(d)	What is Caliber of ATGM launcher?		
(e)	What is the main gun amn storage capacity of the light tank for 105mm gun and secy armt?		
	Is light tank capable of firing non lethal weapons? specify.		
(f)	Is gun control system an all electric drive?		
(g)	Does Gun control system encompass firing all weapon system of the light tank including missile system?		
(h)	Is traversing speed for a 360° traverse 14 seconds or less		
(j)	Is override facility provided for the tank commander for traverse and elevation when operating on power control?		
(k)	Is real error of stabilization of weapon system at vehicle speed of 25 to 35 kmph less than 0.4 mil in elevation and 0.6 mil in azimuth		
(l)	Is fire control system computerized and does it allow the gunner and commander to lay and fire the weapon systems while the light tank is stationary or moving under day and night conditions		
(m)	Is fire control system have all relevant integrated sensors? What sensors are available with FCS?		
(n)	Is driver passive ni sight with min 350mm range provided		

(o)	Is driver day periscope have 100 degree field of view		
(p)	Is gunner sight integrated with fire control system and capable of firing all weapons during day and night?		
(q)	What are ranges for gunners night sight:- Detection Recognition Identification		
(r)	Does commander have a day and night(TI) stabilize panoramic sight?		
(s)	Does third gen stabilized panoramic day cum night sight be provided to the commander		
(t)	Is override facility for tracking and firing provided?		
(u)	Is facility to view gunner sight picture by the commander will be provided?		
(v)	Is the LRF integrated in the Cdr's day cum ni panoramic sight? What is its range?		

Q.3 **Protection**

S. No	Information / Query	Y/N	Specifications/ Description
(a)	What is the Ballistic protection level in the frontal 60 degree arc? From where is the 60 degree frontal arc measured ?		
(b)	What is the Ballistic protection levels other than frontal 60 degree arc?		
(c)	Does Hull bottom be provide protection against anti-personnel mines including Fragmentation type?		
(d)	Has mine counter measures be incorporated to initiate influence mines electronically.		
(e)	Does the Armour plate have the capability of mounting strap on ERA panels?		
(f)	Is ERA provided?		
(g)	Does the Armour plate have the capability of strap on /bolt on appliqué armour to increase protection in selected area?		
(h)	What will be the total weight of the tank with strap on ERA panels?		
(j)	Is spall liners and roof fragmentation protectors be provided for the light tank?		
(k)	Is top attack protection provided against bomblet and shrapnel's?		
(l)	Is passive protection to avoid detection from visual and electronic surveillance devices provided?		
(m)	Is the light tank painted with anti thermal and anti laser paint?		
(n)	Is state of the art new generation NBC protection provided to the light tanks?		

(o)	Is modern Instant Fire Detection and Suppression system (IFDSS) with automatic activation and suppression of fire provided?		
(p)	Is the activation time to extinguish fire in crew compartment less than 150 ms.		
(q)	Is the time to extinguish fire in Engine compartment is less than 10 seconds.		
(r)	Is the ammunition stored in containerized compartments with blow out panels to ensure protection to crew from accidental fire / explosion		

Q.4 **Misc**

S. No	Information / Query	Y/N	Specifications/ Description
(a)	Does the light tank have the compatibility for installing in service Radio sets		
(b)	Is Inertial Navigation system(INS) based navigation system provided?		
(c)	Is satellite based navigation be provided		
(d)	Is pre heater provided?		
(e)	Is APU provided?		

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