

ANNEXURE-I :Need of the Proposed Acquisition & Feasible Alternatives

The project is envisaged to cater to the requirements of Indian Army for the proposed products Artillery Electronic Fuzes, GRAD Rockets and APFSDS.

Above mentioned products involve manufacturing, assembly & Testing of Ammunition Explosives. The project needs to be implemented in accordance with the guidelines issued by the " Storage & Transport of Explosives Committee, Centre for Fire, Explosive & Environment Safety", Ministry of Defence, New Delhi.

According to these guidelines, certain minimum quantity/safety distances need to be employed between process building to process buildings, process buildings to storage magazines, testing facilities to other explosives/non explosive areas, explosives areas/ explosive buildings to non-explosives areas, dwelling houses, public transport roads, highways etc.

Proposed acquisition of forest land is for set-up of Static Testing Facility for Rockets.

The guidelines pertaining to the scope of this application are as mentioned below:

1. Static rocket firing bay should be sited a minimum 275 m from explosive and non-explosive areas.
2. Storage area comprising mainly of explosives magazines and storehouses should be sited at a minimum distance of 275 m from the process area.
3. The dwelling houses, places of assembly, hospitals, National Highways etc. should not be within 275 m from any of the potential explosion site.

Feasible Alternatives:

For the purpose of explanation and ease of understanding the entire land of HBL Power Systems Limited is divided into two parcels Site-1 & Site-2, proposed acquisition of forest land is considered as Site-3.

Various alternative options have been evaluated to accommodate the process buildings, storage magazines and Static Testing meeting the above mentioned guidelines which are summarized below and concluded that Option—7 is the only feasible solution.

CIN :L40109TG1986PLC006745
D.No. 8-2-616, Plot No.4,
Behind Minerva Grand Hotel,
Road No. 11, Banjara Hills,
Hyderabad-500 034, T.S., INDIA.
Phone: +91-40-23305581/82,66167777
Fax : +91-40-23305580

HBL[®]

HBL Power Systems Ltd.

Option-1: Accommodate Process Buildings & Storage Magazines in HBL Site -
1 and Static Testing in HBL Site-2.

This option is not feasible as guideline 2 & 3 mentioned above does not meet.

Option-2: Accommodate Process Buildings & Storage Magazines in HBL Site -
2 and Static Testing in HBL Site-1.

This option is not feasible as guidelines 2 & 3 mentioned above does not meet.

Option-3: Accommodate Process Buildings & Static testing in HBL Site -1 and
Storage Magazines in HBL Site-2.

This option is not feasible as guideline 1 & 3 mentioned above does not meet.

Option-4: Accommodate Process Buildings in HBL Site -1 and Storage
Magazines & Static testing in HBL Site-2.

This option is not feasible as guideline 1 & 3 mentioned above does not meet.

Option-5: Accommodate Storage Magazines & Static Testing in HBL Site -1
and Process Buildings in HBL Site-2.

This option is not feasible as guidelines 1 & 3 mentioned above does not meet.

Option-6: Accommodate Storage Magazines in HBL Site -1 and Process
Buildings & Static Testing in HBL Site-2.

This option is not feasible as a guideline 1 & 3 mentioned above does not meet.

Option-7: Accommodate Process Buildings in HBL Site-1, Storage Magazines
in HBL Site-2 and Static Testing in Site-3(Proposed Acquisition).

Feasible Option as all the guidelines 1,2 & 3 mentioned above meet.

There is no other land in the nearby vicinity adjacent to HBL Site meeting all the
above criteria.



Regd. Office :

HBL Power Systems Limited
Road No. 10, Banjara Hills, Hyderabad - 500 034.
Website : www.hbl.in