



Indigenisation Efforts & Initiatives Nodal Officer Information to Vendors HSL Test Facility Photo Gallery Go's Make in India web

1. HSL has been contributing to the cause of indigenisation by undertaking constructions and repairs of various ships viz. Offshore patrol vessels, Inshore patrol vessels, Survey vessel, Landing ship tanks, Drill ships, Offshore platforms, Supply vessels, Oil recovery and pollution control vessel, Ocean research vessel, Cargo liners, Bulk carriers, Passenger vessels, Training Ship, Dredgers, Floating cranes, Tugs etc.
2. Most significantly it has undertaken the MR of the Foxtrot class submarines as well as MR-cum-modernisation of EKM class submarines, which otherwise had to be done in Russia. The yard has also nurtured a strong Design Office which can take up indigenous design of many kind of ships.
3. It is HSL's endeavour to avoid import of material to the maximum extent possible. Indigenisation is being promoted by sourcing material from local sources wherever feasible and permitted.
4. Following efforts are being taken up by HSL in order to synchronize Defence Procurements with the 'Make in India's initiative.
 - a. HSL is planning to tie up with M/s Hyundai Heavy Industries, South Korea under Strategic Cooperation Agreement (SCA) for modernization of yard facilities & infrastructure at par with global standards, Transfer of Technology and joint execution of future shipbuilding projects ordered on HSL. An Inter-Governmental Agreement enabling the SCA was signed between Government of India and Republic of Korea on 21 Apr 17.
 - b. HSL has also entered into an MoU with other PSUs – BHEL and MIDHANI - with the view to synergise their efforts, resources and capabilities towards construction of advanced technology vessels and submarines.
 - c. The yard has initiated following measures for reducing the import component and to encourage MSEs and other private sector players:-
 - Inclusion of the provisions contained in 'Public Procurement (Preference to Make in India), Order 2017' issued by Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce and Industry in Purchase manual and its effective implementation
 - Assurance of orders for future requirement in 5 years on the same Indian firm which executed import substitute order successfully
 - Relaxation of norms (prior experience and prior turnover) for MSEs and Start-ups in all public procurements, subject to meeting quality and technical specifications
 - Alignment of payment terms i.e. provision of advance payment to MSEs
 - Deemed registration of vendors (vendors registered in other Defence PSUs are to be considered as Deemed Registered)
 - Efforts are being made to identify Tier I and Tier II vendors, so as to facilitate development of import substitutes
5. Presently, HSL is undertaking a project of national importance to meet the requirements of the GoI. This project has been a gateway for understanding the niche processes and advanced technology associated with modern and complex naval vessels. Certain items / technologies required for this project have been indigenised through domestic vendors and details of the same are given below:-

Sl.	Equipment
1.	Integrated Platform Management System (IPMS)
2.	Marine LAN
3.	Advanced Composite Communication System (ACCS)
4.	Modular Combat Management System (MOD CMS)
5.	Electrically Operated Gun Fighting Control System (EOGFCS)
6.	Link II MOD III (External communication system with ship, shore & aircraft for linking of various systems)

6. High value orders viz. 2 Nos. Diving Support Vessels (DSV), 5 Nos. Fleet Support Ships (FSS) and 2 Nos. Special Operations Vehicle (SOV) worth Rs 20,000 Cr approx. are in pipeline and there is ample scope for indigenisation of certain items required for these projects considering the offset clause. As being done earlier, HSL will put in its best efforts to use maximum possible indigenous items in addition to meeting the offset clause and contract requirements.
7. It will be an opportunity for HSL to associate with the vendors who come up for indigenisation of the following items which are generally being procured from import sources:-

Sl.	Nomenclature
1.	Main Engines
2.	Propulsion systems
3.	GMDSS equipment
4.	Navigation equipment

5.	Oil Bilge water separator
6.	Steerable Rudder Systems
7.	Fire detection systems
8.	External firefighting system
9.	SPT System
10.	Sewage treatment plant
11.	Windows and side scuttles etc.

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