

ANNEXURE-I

Eligibility Criteria and Capabilities for Selection of Design Collaborator

S.No	HSL Requirement	Minimum Quantity	To be filled by Design Agency indicating the available quantity
1.		Manpower: The Design House Team shall have minimum following personnel	
a)	Naval architects: 3 members having design experience of minimum 10 years and 20 members of minimum 2 years experience	As given	
b)	Marine Engineers: 2 members having design experience of minimum 10 years and 10 members of minimum 2 years experience	As given	
c)	Mech. Engineers: 3 members having machinery and outfitting design experience of minimum 10 years and 20 members of minimum 2 years Experience	As given	
d)	Electrical/Electronics Engineers: 2 members having design experience of minimum 10 years and 5 members of minimum 2 years experience	As given	
e)	Weapons/ Electronic Warfare Engineers: 2 members having design experience of minimum 10 years and 5 members of minimum 2 years experience	As given	
2.		Infrastructure Details:	
a)	Hardware i. No. of Work stations -- 3 Nos ii. No. of A0 Plotters --- 2 Nos iii. No. of Scanners up to A0 size – 2 nos	As given	
b)	No. of Ship Building Software licenses for the following: i. TRIBON M3 / AVEVA a) Initial design (lines, surface, Calc & Hydro) – 2 nos b) Hull --- 2nos c) Outfit -- 1 no. d) Piping -- 2 nos e) Electrical -- 1 no.	As given	
	ii. NAPA	2Nos	
	iii. Auto Cadd	10 Nos	

	iv. Nupas Cadmatic	2 Nos	
	v. FORAN	1 No.	
	vi. Ship Constructor	2 Nos	
Note: The output should be compatible to TRIBON M3/AVEVA			
3. The Design team shall be capable to undertake the following :			
	a) Conceptual/Basic design	YES / NO	
	b) Functional design	YES / NO	
	c) Detailed design	YES / NO	
	d) Production drawings	YES / NO	
4. Projects handled :			
	a) List of Major projects handled	Minimum 1 for the opted category	
	b) Minimum Criteria to take up this project: One project of similar type of vessel has to be designed (Basic, functional design and detail/production design) and the same will be presently in operational condition. However the scaling of the project will be considered during selection criteria. Details of the project/ship to be furnished.		
	c) Customer satisfaction certificate for the ship/project.	Certificate to be enclosed	
5.	Collaboration/ tie ups/ transfer of technology/joint ventures valid for next 2 years are to be indicated, details of the same are to be indicated and copies to be enclosed.	Details to be mentioned with supporting documents	
6.	Specific mention is to be made that the design organization can take up design of this project on their own or will carry out with foreign/other Indian collaborator. If design house seeks the help of other agency, complete details of the same are to be furnished	Complete In-house / Design with the help of foreign agency	
7.	Annual audited financial reports for the past 3 years are to be submitted to examine the financial capability of the firm.	To be enclosed otherwise offer will not be considered	

8.	In the absence of above data, HSL will not able to assess the capabilities of the design house and will not be considered without any further correspondence.	HSL have complete right to accept/Reject of the offer basing on the above criteria indicated by the firms.	
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- Note:
1. A committee will inspect/ examine the facilities against the indicated list before finalizing.
 2. The minimum quantities indicated are for OPV class of vessel. However, for other bigger class of vessels the quantities shall be proportionately higher and HSL will finally decide the suitability.