

**QUESTIONNAIRE FOR INDIGENOUS DEVELOPMENT OF DMR291A ALUMINUM
PLATES AND SHEETS OF THICKNESS 6.3-30 MM (IN M-TEMPER)
FOR INDIAN NAVAL SHIPS**

1. Indicative list of standards/ regulations for DMR291A Aluminium sheets and plates are placed at Enclosure. Request confirm whether your Smelting, refining, casting, Heat treatment and plate rolling plant shall meet these regulations.
2. What are the different types of manufacturing technology available for production of Marine grade Aluminium plates and sheets? Which manufacturing technology is being used by your plant for extraction of alumina, refining/ smelting, manufacture of ingots and rolling of aluminum plates?
3. What is the capacity of the manufacturing plant? What is the minimum manufacturing quantity of the plant? What is the range of thickness of the sheets that can be annealed/ normalized/ rolled at the manufacturing plant?
4. What is the facility for chemical analysis and mechanical testing of the plates and sheets produced by your plant? What is the calibration mechanism of the manufacturing plant and process control?
5. What is the in-house facility/ procedure/ practice for quality control/ inspection of manufacturing process being undertaken by smelting, ingot manufacture and rolling process for produced plates and sheets?
6. What is the infrastructure for handling of ingots, plates and sheets at the plant? What is the source of ore for manufacture of the plates?
7. What standards/ grades are used for manufacture of plates such as AA, IS, ASTM, ISO etc? Is the plant certified/ approved by any third party or IACS for production of marine grade Aluminum plates and sheets.
8. What is the firm's past experience in development and supply of marine grade aluminum plates and sheets?
9. What is the annual production cycle of the plant, any specific period that plant doesnot produce plates and sheets?
10. Which customers have been supplied with marine grade plates and sheets by your firm? Does the plant produce weld consumables for marine grade aluminum?
11. ~~Does the plant produce the sheets by hot roll coil method or by individual flat sheets?~~
12. Is the plant ISO 9000 and ISO 14000 compliant?

13. What is the production rate of the plant per day?
14. What is the estimated time period for development of aluminum plates and sheets? What is the estimated cost for development of aluminum plates and sheets?

Vendor Information

15. Following details to be provided to ascertain capabilities of the firm:-
- (a) Research capabilities, infrastructure, technology tie-up etc.
 - (b) Manufacturing capabilities, infrastructure, tie-up etc.
16. The following details to be provided (relevant documents to be forwarded):-
- (a) Category of Industry (Large/Medium/Small Scale).
 - (b) Annual Turnover in INR for last 03 financial years.
 - (c) Profit/Loss Statement of the last 03 financial years.
 - (d) Number of employees in firm.
 - (e) Details of manufacturing infrastructure that would be useful for production of aluminium plates and sheets.
 - (f) Production capacity per annum.
 - (g) Details of major contracts executed in India & abroad:-

Contract Number	Contract Placement Authority	Grade of Aluminum plates and sheets	Quantity	Cost

17. Any other detail/ information relevant to the project and credentials of the firm may be provided.

Note : Request provide responses for all questions in exhaustive detail.

UNDERTAKING TO COMPLY WITH INDIGENOUS DESIGN

We, _____ (“Name of Vendor”), do hereby certify, undertake and confirm that:

1. The Design of _____ (“Named Product”), as claimed by us in response to the RFP No _____ dated _____ is owned partly or wholly by us/by an Indian entity.

2. Further, we confirm that the Design of the Named Product, as claimed by us, has not been licensed from a foreign third party except for standard software licences such as, but not limited to OS / Database / _____ (Strikeout / Specify as applicable).

3. The ownership of the Design, as claimed by us, enables us to manufacture, realise, sell, provide Through Life Support, modify and upgrade the Named Product without any encumbrances, except as specified below: (If any form of encumbrances exist on the product or any of its subsystems these should be elaborated here) _____

4. We further claim that we own the following Intellectual Property (IP) Rights in relation to the design of the Named Product: (Specify any Patents, Registration of Designs, if any, held by the Vendor) _____

5. We also undertake to permit MoD/MoD appointed Specialists Committee, to inspect/ carry out technical verification at our premises of the applicable documents, such as Design Reports, Drawings, Specifications, Software Documents & Codes , Gerber files, etc, as may be reasonably necessary and required to prove the above claim of ownership of the Design of the Named Product. (Examination on site at company’s premises only. Documents, in any form, are not be sought nor required to be submitted for examination outside the Company’s premises)6. Failure on our part to prove the ownership of the Design of the Named Product by us/by an Indian entity or submission of any false undertaking or claim as indicated in the response at any post contract stage of the intended procurement may make us liable to forfeiture of the PWBG to the extent of any direct losses or damages suffered by the MoD as a consequence of such false undertaking or failure to prove the ownership of the Design