



GOA SHIPYARD LIMITED
VASCO-DA-GAMA, GOA 403 802

**INVITATION FOR EXPRESSION OF INTEREST FOR
INDIGENISATION OF B0 CLASS PANELS FOR USE IN SHIP BUILDING UNDER
MAKE – II POLICY OF GSL**

1.	Department	Technical Services
2.	EOI Ref No.	GSL/EOI/MAKEII/2021/01
3.	EOI date	04 MAY, 2021
4.	EOI closing date & time	25 MAY, 2021, 17:00 HRS
5.	Description	INDIGENISATION OF B0 CLASS PANELS FOR USE IN SHIP BUILDING

Introduction

1. GSL invites 'Expression of Interest (EOI)' from reputed Indian manufacturers for indigenous development & supply of BO class panels for use in ship building for upcoming projects.
2. The item (B0 class panels) shall be developed under Make II procedure at GSL. It gives opportunity to Indian Vendors (called as Development Agencies (DAs)) to develop import substitute or new product by developing prototype with an assurance from GSL of Purchase Order for the quantity specified in this EOI, in case of successful development of prototype in specified time frame.
3. The item developed should have Indigenous content of not be less than 50%.
4. This item is reserved for startups recognized by DIPP under eligible Domain/Category as per Enclosure-II and MSMEs registered under the current MSME Act.
5. Indigenous development, manufacture and testing of prototype of B0 class panels for use in ship building as per technical specification at **Enclosure I**

Qualification Criteria

6. The interested firms must fulfill the following minimum pre-qualification criteria and shall necessarily submit the relevant documents to support their claim.
 - (a) Technical Qualification

- (i) Company profile and valid shop & Establishment registration certificate, indicating BO class panel/similar item as one of their products.
 - (ii) List of equipment held by them with model, year/ working status along with details of their manufacturing facilities and personnel with designation qualification and experience to determine their capabilities suitable for development of BO class panel.
 - (iii) Extent & source of import content for the subject requirement if any.
 - (iv) Draft quality Assurance plan (QAP) indicating all referred documents for inspection criteria inclusive of any stage inspection. The QAP should contain all the activities necessary to develop and produce the item including the raw material and the quality checks to be conducted and their acceptance criteria/ values. The QAP will have to be approved by ABS/IRS and concurred by GSL.
 - (v) The proposed development of prototype & qualification of the BO class panels is to be completed within the period of 08 Months from Go-ahead.
- (b) Commercial Qualification
- (i) The bidder shall be an Indian registered firm having its registered office & manufacturing facilities in India. Self-attested copy of the registration certificate to be submitted with EOI application.
 - (ii) The bidder shall be an original Indian designer, developer & manufacturer of BO class panel/similar item.
 - (iii) The entity has to be controlled by resident Indian citizens. Entity with excess of 49% foreign investment will not be eligible.
 - (iv) Copies of Audited / certified Balance sheet, Profit / Loss account for past 3 years and valid solvency certificate / Banker's opinion issued by Nationalized / reputed international / scheduled bank, should be submitted with EOI application.
 - (v) Traders / Agents / Dealers / foreign Bidders / consultant shall not be considered.

FUTURE BUSINESS POTENTIAL:

- Once the prototype is successfully developed and certified by ABS/ IRS in specified time frame, the developed Item may be considered for procurement from the Vendor for use in upcoming project. The future requirement of BO fire class panels for the period of next 12 Months is envisaged to be approx. 1200 m2 for upcoming project.

Instruction to bidders responding to EOI

7. GSL reserves the right to consider placement of order/ contract in part or in full against the quantity mentioned in scope of supply or reject any or all bids without assigning any reason. GSL also reserves the right to cancel this expression of interest without assigning any reason.
8. GSL reserves the right to make inquiries with any of the clients listed by the bidders in their previous experience record. Further GSL may ask the firm to make presentation to understand the capability of the firm w.r.t project planning, capability, experience, approach methodology etc.
9. Vendor should design, develop, manufacture prototype and undertake testing for B0 class panel based on Technical Specifications provided by GSL. Vendor may collect the additional technical information during Design & Development by examining the existing Wall and Ceiling panel installed on IN / ICG ships.
10. B0 CLASS PANEL will be Indigenized under Make-II procedure. As per Make-II procedure, no funding will be made available by GSL to Development Agency/s (DAs) for development of prototype (including trials & testing) but there will be assurance of orders on successful development & trials of the prototype.
11. Shortlisted firms will be jointly inspected by GSL for ascertaining capacity and capability to undertake indigenous development of the item.
12. This invitation of EOI is not an assurance for order.
13. The item that are to be indigenously developed are to be jointly inspected by GSL and ABS/IRS as per approved QAP. All tests required for certification by ABS/IRS as per Technical specification shall be carried out by vendor at his own cost.

Bid Rejection Criteria

14. GSL may at its sole discretion and at any time during the evaluation of proposal, disqualify any bidder, if:
 - (a) Bids have been received after due date.
 - (b) Bidder's failure to furnish sufficient or complete details for evaluation of the bids within the given period.
 - (c) Incomplete / misleading / false / ambiguous proof of eligibility requirements.

(d) Failed to produce timely clarifications related thereof, when sought.

(e) Declared ineligible by the Government of India. I State govt. I Public sector undertaking.

(f) Bids with technical requirement and or terms not acceptable to GSL.

(g) Information relating to the evaluation; clarification and recommendation for pre-qualification shall not be disclosed to bidders or any other persons not officially concerned with such process until the pre-qualification process is completed. Any effort by the bidder to influence GSL prequalification process may result in rejection of his EOI.

15. In case of any queries/clarifications please contact
Mr. D S Patekar, Additional General Manager (Technical Services),
Tel: +91 832 2512152, Ext-2481/2473, Direct: +91 832 2514194
E-mail - dspatekar@goashipyard.com

OR

Mr. Rayson Botelho, Senior Manager (Technical Services),
Tel: 0832 2512152, Ext-3126
E-mail - raysonbotelho@goashipyard.com

16. **SUBMISSION OF RESPONSE TO EOI:**

The EOI proposal document duly completed and signed should be sent to:

Mr Mahesh G Malkarnekar
Chief General Manager,
Technical Services
Goa Shipyard Limited,
Vasco, 403802, INDIA
Email: mahesh@goashipyard.com

As an advance copy, e-mail may be sent to above email IDs and later on Hard copy of Eoi response may be sent to above address with mention of EOI reference on envelope.

The due date for submission of EOI proposal is 25 MAY, 2021 @ **17:00 Hrs IST.**

GOA SHIPYARD LIMITED

**TECHNICAL SPECIFICATION FOR
B-0 CLASS PANELS AND ASSOCIATED FITTINGS.**

1. **ITEM** : 25mm thk. B-0 class self-standing partition Bulkhead of 600 x 2400mm with all necessary-joining profiles.
2. **QUANTITY/SHIP** : 1200m2 (Estimated).
3. **INSPECTION & CERTIFICATION** : Items to be supplied with type approval certificate from ABS/ IRS
4. **RULES & REGULATIONS** : Latest SOLAS requirement.
5. **GENERAL NOTES:**
 - 5.1 The B-0 Class panels are to be supplied with suede finish pure white colour decorative laminates on both sides.

The Fire Retardant panels are pre insulated panel with insulating material such as Rock wool/Mineral wool sandwiched between two metallic sheets
 - 5.2 The surface finish of all the profiles except Top & Bottom Profiles and spline profiles should be PVC coated or vinyl coated or powder coated to pure white colour.
 - 5.3 Panels are to be of length of 2400mm and 600mm width.
 - 5.4 The thickness of panel should be 25mm and panel should be suitable to be used as self-standing bulkhead panel.
 - 5.5 The panel should be suitable to hold the weight of normal bulkhead mountings such as cabin fan, switch, sockets, book shelves (weighting approx. 25 kgs.) etc.
 - 5.6 The panel must be Type approved by ABS/ IRS.
 - 5.7 Material: The material used for panels shall have the following properties:-
 - (a) Light weight
 - (b) Non corrosive and should be able to withstand prolonged exposure to marine environment without corrosion/ material deterioration.
 - (c) Fire Retardant
 - (d) High toughness
 - (e) Flexibility for sustaining load due to ship cruise

5.8 The panel shall be developed considering the parameters such as thermal transmission, Sound Attenuation & fire qualification meeting latest SOLAS, IMO & ABS/IRS rule requirements.

6. **Scope of Offer.** The supplier shall supply a minimum of the following information along with his technical offer: -

- (a) Technical Specification of Panel
- (b) Basic GA drawing of panel.
- (c) Flow Chart for manufacturing process
- (d) Draft QAP
- (e) Technical parameters of panels & lab details,
- (f) Details item sourced from Indian manufacturer & foreign manufacture,
- (g) List of tests & trials to be conducted on prototype
- (h) Indigenisation content in offered item,