

GOA SHIPYARD LIMITED  
(GSL)

VASCO DA GAMA, GOA, INDIA  
(A Government of India Undertaking)  
(Ministry of Defence)



NOTICE INVITING EXPRESSION OF INTEREST

FROM REPUTED TECHNOLOGY PARTNER FOR PROVIDING TECHNOLOGY  
SUPPORT FOR DESIGN AND MANUFACTURING OF UNMANNED SURFACE/  
UNDERWATER VESSELS

Reference:  
EPSP/USV/001  
Date of Issue: 18 March 2023

Last date for Submission of Response: 03 April 2023

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## PART-1

### 1. Preamble

1.1. Goa Shipyard Limited (hereinafter referred to as GSL), established in 1957, is a premier Defence Shipbuilding & Research Establishment, with state of the art infrastructure, functioning under the administrative control of the Ministry of Defence, Government of India. GSL, an ISO 9001 certified company, has completed more than 60 years of illustrious and challenging journey from being a barge repair Yard to become the most reliable Indian Shipyard with proven capability to design and construct state of the art advanced sea faring platforms.

1.2. GSL hereby invites Expression of Interest from reputed technology partners for providing technology support for design and manufacturing of unmanned surface/ underwater vessels.

1.3. The objective of this EOI is to shortlist technically suitable and competent TECHNOLOGY PARTNER(s), having in-depth knowledge and proven track record of having successfully designed unmanned surface/ underwater vessels/ or similar kind of vessels which has been built and tested. Prospective firms should be willing to provide Technical Knowhow to GSL for unmanned surface/ underwater vessels and related project as and when required, subject to fulfilling the eligibility criteria laid out in this document.

### 2. Procedure for Response:

2.1 Interested firms who are eligible/ willing are requested to submit their interest along with the documentary proof at the below email address:

[epsp@goashipyard.com](mailto:epsp@goashipyard.com)

With subject title:

“EOI FOR PROVIDING TECHNOLOGY SUPPORT FOR DESIGN AND  
MANUFACTURING OF UNMANNED SURFACE/ UNDERWATER VESSELS”

Or by courier/post to below address:

Address: Mr. Abhishek Singh  
HoD (EPSP)  
Goa Shipyard Limited  
(A Government of India Undertaking)  
Vasco -Da -Gama, GOA – 403802, INDIA.

Kindly note that GSL will not be responsible for any postal or courier delay in receipt or non – receipt of the EOI duly completed. The last date and time for receiving the submissions through email or by post is 03- 04-2023 (1500 hrs of IST).

( Note that our email server can only recive external email of size less than 10 mb. )

### **3. Pre Qualification Criteria**

Interested firm should submit all the supporting documents pertaining to the pre-qualification criteria, as below, as part of the technical offer.

3.1 Interested firm should have knowledge on design & development of autonomous/ unmanned vessels and should have already developed unmanned surface/ underwater vessels/or similar kind of vessels during the last three years. The developed system should be ready till at least TRL 7 (Integrated Pilot system demonstrated). Details of such vessels are to be submitted in response to this EOI. Interested firm should be willing to offer such vessels for Trials on NC-NC basis to GSL if requested. Interested firm is to submit experience in design & development of various types of autonomous/ unmanned vessels in a tabular format as part of the submission to this EOI.

3.2 Interested firm should have proven capabilities for design of similar or higher specifications in the past which are in service. The firm should have the following minimum capabilities: -

- Experience in design and development of Battery powered vessel integrated with Navigational systems viz echo sounder, INS, camera, Sonar and all other sensors required for satisfactory operation of unmanned vessels.
- Experience in building unmanned vessels with following minimum specification -  
Length – Min 2 Meter (Surface Vessel)/ Min 0.5 Meter (Underwater Vessel)  
Endurance – Min 05 hours with speed of 04 Knots (Surface Vessel)

Propulsion – Thrusters powered from Battery.

- Modes of operation -
- i) Autonomous Mode
  - ii) Semi-Autonomous Mode
  - iii) Controllable Remote Mode

**Note** : Any other criteria as decided during evaluation stage will be intimated to the Interested firm .

### 3.3 Financial Qualification:

- i) Interested firm should provide financial information to demonstrate firm's capability for assessment of the financial status. If necessary, use separate sheets to provide complete banker information.
- iii) Interested firm should have positive net worth.
- iv) Firm should provide any Additional financial documents as needed during the evaluation.

3.4 Commercial qualification:- Interested firm shall submit the following as a part of commercial qualification.

- i. Bidders Registration Certificates as:-
  - (a) Shop & Establishment registration certificate in case of sole proprietorship concern
  - (b) Certificate of Incorporation, Memorandum and Articles of Association in case of a company.
  - (c) Partnership deed in case of Partnership as applicable.
  - (d) Licenses/approvals from local bodies for conducting business.
- ii. Firm should clearly bring out the facility/ support (viz infrastructure, Financial) required from GSL in their proposal.
- iii. Interested firm should not be blacklisted/ put on tender holiday by any of the Govt. agencies or by any of the reputed private firms. A self-declaration to this effect should be enclosed to this bid.

NOTE: This EOI is open only for Indian vendors.

## 4. Instructions/Notes

### 4.1 General

- (a) All copies of documents submitted along with EOI should be clear, legible and self certified by the authorized representative of the interested firm.
- (b) GSL reserves the right to physically check the original documents / certificates, the copies of which are submitted along with the EOI.
- (c) Language of Communication for all activities connected to this EOI and tasks thereof shall be in English.
- (d) The Interested firm:
  - (i) may kindly note that shortlisted firm will be required to sign a Non Disclosure Agreement (NDA) and Integrity Pact at a later date as required by GSL. Clause related to Intellectual property (IP) will be discussed with shortlisted firm.
  - (ii) Must meet the pre qualification criteria specified in this document and provide clause wise compliance as per the format indicated at para 5.2 of this EOI
  - (iii) May note that mere meeting the minimum criteria does not entitle any company/firm/ organization the right to be shortlisted.
- (e) GSL:
  - (i) will not be responsible / liable to any party in any way for costs associated in preparation & submission of EOI.
  - (ii) is also not obliged to share clarification related questions with other respondents than the one who seeks clarification.
  - (iii) reserves the right to accept or reject any EOI proposal without assigning any reasons whatsoever and without any liability on GSL.
- (f) This notice is issued only to elicit an Expression of Interest (EOI) from parties interested in the collaboration and does not constitute any binding/ commitment from GSL to invite any or all of the parties in any the subsequent process.
- (g) This EOI is being issued with no commitments and GSL reserves the right to withdraw the EOI and change or vary any part thereof or foreclose the EOI at any stage.
- (h) Jurisdiction of Courts -- Courts at Goa (with exclusion of all other Courts) shall have the jurisdiction to decide or adjudicate on any matter, which may arise out of or in

connection with the EOI and selection process.

4.2 Submission of Information /Documents: Information should be submitted in the formats specified in this document. The prequalification documents shall be submitted to email and also as given below: -

(a) One (hard) copies with all supporting documents

(b) With covering letter duly signed by Authorized Representative of the company with company's seal. Document in support of authorization granted to authorize representative to be submitted.

The above mentioned documents are to be forwarded on email within submission time of EOI.

4.3 Failure by the interested firm to provide information/documents, which is essential to evaluate the interested firm's qualifications, or to provide timely clarification or substantiation of the information supplied may result in disqualification of the interested firm.

4.4 Any information/clarifications regarding this subject matter can be obtained from: -

Mr. Hitendra Patle

Manager (EPSP)

Email: hitendrapatle@goashipyard.com

More details of GSL can be obtained from our website [www.goashipyard.in](http://www.goashipyard.in)

5. **Bid Rejection Criteria:-**

GSL may at its sole discretion and at any time during the evaluation of proposal, disqualify any firm, if they have:

- a. Submitted the Proposal documents after the response deadline.
- b. Not submitted satisfactory documentary evidence and proof as per eligibility criteria mentioned at para. 3 above.
- c. Made misleading or false representations in the forms, statements and attachments submitted in proof of eligibility requirements.
- d. Submitted a proposal that is not accompanied by required documentation or is non-responsive.
- e. Failed to produce clarifications related thereto, when sought.
- f. Submitted more than one proposal.
- g. Declared ineligible by the Government of India / State govt. / Any Public sector undertaking.
- h. Not meeting any other applicable criteria / clauses in the current EOI.

Even though the firms meet the pre-qualification criteria, they are subject to be disqualified if GSL come to know during the EOI evaluation stage or subsequent stage but before award of contract if the firm has Made misleading or false representations in the response and/or the forms, statements and attachments submitted in proof of the qualification requirements and or

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



## 5. Relevant Format

### 5.1 Willingness / Undertaking Format

(To be enclosed as part of Expression of Interest proposal on the letterhead of the  
Technology Partner)

To

Date –

Chairman and Managing Director,  
Goa Shipyard Limited,  
Vaddem, New Vaddem  
Vasco da Gama, Goa 403802  
India.

Reference: Expression of Interest No. \_\_\_\_\_ dated \_\_\_\_\_

Dear Sir,

We hereby confirm that we have examined the GSL EOI document dated \_\_\_\_\_

We hereby confirm the following;

- i) that we agree to all terms and conditions of the Eoi document.
- ii) that we will submit necessary documentation for entering into MoU and definitive agreement.

Yours faithfully,  
(Competent Authority's Signature)

5.2 Format for Compliance Table

COMPLIANCETABLE

Sl. No	Section/ Para	Compliance/ Partial Compliance of para / Sub para of the Main	Reasons/ Justifications for non-compliance /Suggestions	Remarks