

कोचीन शिपयार्ड लिमिटेड/COCHIN SHIPYARD LIMITED  
कोची/COCHIN - 682 015

पोत निर्माण प्रभाग/SHIP BUILDING DIVISION  
आउटसोर्सिंग विभाग  
OUTSOURCING DEPARTMENT



INVITES

अभिरुचि की अभिव्यक्ति (ईओआई)  
EXPRESSION OF INTEREST (EOI)

FOR

**EMPANALMENT FOR**  
**FABRICATION & SUPPLY OF SUB ASSEMBLY, BLOCK ASSEMBLY,**  
**MODULAR/ MEGA BLOCKS AND WHOLE SHIPS**

**EOI NO. SB-OSD/HULL/915/2025 Dtd. 28-03-2025**



**March - 2025**

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## अभिरुचि की अभिव्यक्ति / EXPRESSION OF INTEREST (EOI)

### FOR FABRICATION & SUPPLY OF SUB ASSEMBLY, BLOCK ASSEMBLY AND MODULAR/MEGA BLOCKS AND WHOLE SHIPS

#### 1. कंपनी प्रोफाइल/ COMPANY PROFILE

Cochin Shipyard Limited (CSL) was incorporated in the year 1972 as a fully owned Government of India Company. Presently, the Government of India holds 72.86% of equity share capital in the Company. In the last five decades, the company has emerged as a forerunner in the Indian shipbuilding & ship repair industry and also a well known player on the global shipbuilding front.

The Company has built and delivered the prestigious Indigenous Aircraft Carrier INS VIKRANT for the Indian Navy and has built & repaired some of the largest ships in India. Over the years, CSL has successfully responded to fluctuations in the shipbuilding market and has evolved from building small Anchor Handling Tug Supply Vessels (AHTS) to more technically sophisticated vessels such as Platform Supply Vessels (PSV) , CSOVs, Dredgers etc.

CSL has worked with several leading technology firms in the industry including Rolls Royce Marine (Norway), GTT (France), Vard group (Norway) etc. CSL has exported more than 50 vessels to some of the most demanding clients from Norway, Netherlands, Cyprus, USA, Germany, Denmark/Bahamas, Saudi Arabia and UAE. Our key shipbuilding clients on the domestic front include the Indian Navy, the Indian Coast Guard, Ministry of Home Affairs, the Shipping Corporation of India Limited, various Port Authorities, Inland Waterways Authority of India (IWAI), Lakshadweep Administration, A&N Administration, Directorate General of Lighthouses and Lightships (DGLL) AND Jindal Steel Works (JSW) group. CSL has also undertaken repairs of various types of vessels including upgradation of ships for the oil exploration industry as well as periodical maintenance, repairs and life extension of ships. CSL is presently one of the best performing shipyards in India.

CSL has recently expanded its footprints geographically across the western and eastern coasts of India with Ship repair units at Mumbai, Kolkata and Port Blair. CSL has also set up wholly owned subsidiaries at Udupi and Hoogly.

CSL has recently commissioned a New Dry-dock at the main yard at Kochi and also set up an International Ship Repair Facility (ISRF) at Wellington Island, Kochi with a ship lift and six transfer bays. The New Dry-dock measuring 310\*75/60\*13 m with a 600T Gantry crane will

be capable of handling vessels like Suezmax, Aircraft Carriers of 70000T displacement, Jack-up rigs, LNG vessels etc.

## 2. ईओआई का परिचय और उद्देश्य / INTRODUCTION & OBJECTIVE OF EOI

2.1. Cochin Shipyard is in the process of expanding its present production capacity with the advent of a new dry dock with the objective of augmenting the ship building /Ship repair capacity essentially required to tap the market potential of building specialized and technologically advanced vessels such as NGMV, CSOV, MPV, LNG carriers, Aircraft Carriers of higher capacity, Jack Up Rigs, Drill Ships, Dredgers and repairing of Offshore platforms and larger vessels. The objective of this EOI is to identify potential firms to fabricate sub assembly and hull blocks outside CSL.

2.2. With this EOI and subsequent empanelment of the firms/vendors as sub-contractors, CSL intends to create a pool of suitable and competent sub-contractors with valid credentials for considering the following:

2.2.1. To carrying out the fabrication of sub assembly, mid assembly, Hull Blocks and modular or mega blocks for ships under construction in CSL using resources and facilities of firms at their premises and supply at CSL based on the rate fixed by CSL from time to time.

2.2.2. To be considered for competitive tender process as and when required in future.

## 3. कार्य क्षेत्र / SCOPE OF ASSIGNMENT

3.1. The scope of work shall include the following two categories of work:

- Category- A** : Fabrication and supply of sub-assembly/mid-assembly of Hull blocks as per drawings provided by CSL. (Transportable size via .Road)
- Category-B** : Fabrication and supply of hull block / modular / mega blocks as per drawings provided by CSL. Preferred mode of transportation via water route. (Approximate weight of Hull block is 30-100T and Modular / mega block above 250T)
- Category C**: Total Ship (above 120m length ) construction

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- 3.2. In both the above two categories, the prepared plates and profiles for the works will be provided at Cochin Shipyard Ltd, Perumanoor PO, Kochi-15 and the fabricated items need to be delivered back in time. However option for supply of full plates by CSL at firms site and preparation of plate by the firm at their facility will also be considered.
- 3.3. The interested parties may opt for either option Category A or Category B or Category C or combination of A,B,C.
- 3.4. Average Annual Turn over and firm's facilities shall be the basis of maximum work allocation.
- 3.4.1. The Vendor's Average Annual Turnover for the last three year till FY 2023-24 shall be submitted as per format at Annexure – F .
- 3.4.2. The Vendor shall enclose with its Proposal, certificate issued by Chartered Accountant with their seal and signature, stating its positive net worth, turnover and profit during the past three years. Certificate shall be as per the format placed at Annexure – F. Solvency certificate from the firm as per Annexure G.
- 3.5. **The firms will be empanelled into two zones based on the distance from CSL, Kochi**
- **Within 100 km radius from CSL**
  - **More than 100 km from CSL**
- 3.6. CSL may either engage the empanelled firms based on rates fixed by CSL or consider them in Limited Tender Enquires (LTE).
- 3.7. Empanelment shall be based on the filled Annexures and other terms & conditions.
- 3.8. Detailed scope of work is attached as Annexure - A.

**4. पात्रता मानदंड / PRE QUALIFICATION CRITERIA**

The empanelment will be based on the following basic pre-qualification criteria

**सामान्य / GENERAL**

- 4.1.1. The Bidder shall be a single firm/ Consortium / Joint venture. Indian subsidiary of parent/group Company can apply for this tender and can also claim experience and credentials of parent/group Company for pre-qualification. In case of acquisitions / mergers in the past, satisfactory documentary evidence needs to be submitted for claiming their experience for prequalification. Change of name of applicant in the past, if any shall be corroborated with satisfactory documentary proof. Company Profile and

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copy of Certificate of Incorporation to be submitted along with the offer. MoU with other firms to carry out specific specialized scope of work is allowable.

4.1.2. The vendor should have valid PAN and GSTIN and details of PAN / GST Registration Number and current valid Tax Clearance Certificate shall be submitted along with this EOI.

4.1.3. Vendor shall not be under a declaration of ineligibility issued by Govt. of India/ State govt./Public Sector Undertakings etc. The vendor shall not have been debarred / black listed by CSL or by any of the Public Sector Undertaking or Government department etc.

4.1.4. All statutory requirements including labour license / ESI / EPF / Insurance of employees etc shall be the responsibility of contractor/ vendors.

4.1.5. RIGHT TO VERIFICATION: CSL has the right to verify the authenticity of vendor/ documents submitted by them and/or inspect the facilities if felt necessary. Based on this CSL reserves the right to accept and reject any and all bids, which in its opinion, appears to be most advantageous to CSL.

**4.2. तकनीकी अनुभव / TECHNICAL EXPERIENCE**

4.2.1. **For Category A** : Sub assembly and mid assembly fabrication with at least 1 year experience in pre-engineering fabrication works or heavy steel fabrication is required

4.2.2. **For Category B** : Hull block / modular / mega blocks of Ship Hull , the vendors shall have similar work experience of at least 1 year in a marine / ship building / ship repair / Engg and should be conversant with pre-engineering fabrication works or heavy steel fabrication works or offshore structures so that they could adhere to the CSL / Naval and Class requirements & specifications while carrying out fabrication & outfitting works.

4.2.3. **For Category C** : Shipyard with ISO/IMS certification having owned/rented slip way/dry-dock having capacity to construct ship above 120 m length. Similar work experience of constructing full ship of minimum two vessels in last 3 years having overall length of minimum 120 m. Average annual turnover of minimum 50 crores in last three financial years and positive net worth. Firm should also have skids with covered roofs and material handling equipments including crane facilities. Should have capacity for plate preparation- blasting, priming, forming, CNC Plasma cutting etc, shop facility with sufficient crane capacity for undertaking large block fabrication. Should have waterfront for transporting the entire hull should be able to toe the hull from their facility and deliver at CSL.

4.2.4. The Firm should furnish the required work specific information and documentary evidence on works completed satisfactorily, along with copies of such work orders / list of skilled workmen & welders and any other relevant document to support the claim of experience.

4.2.5. The firm has to submit the documents, which validates the above mentioned requirements. CSL reserves the right to demand for a hardcopy of any of the above documents and any other related documents, if required. Firms shall comply with the same.

## **5. प्रस्ताव स्वीकार करने का अधिकार / RIGHT TO ACCEPT PROPOSAL**

5.1. CSL reserves the right to modify, expand, restrict, scrap this EoI proposal or reject Expression of Interest without assigning any reason at any stage.

5.2. CSL reserves the rights to accept, consider or reject any or all applications without assigning any reasons thereof. The decision of CSL in respect of registration / empanelment of vendors for various categories of work / items will be intimated by post /email and shall be final & binding on all concerned registered vendors / vendors in the panel of CSL

## **7. हितों का संघर्ष / CONFLICT OF INTEREST**

CSL requires that the firm must provide professional, objective & impartial service and at all times hold the interest of the Company paramount, strictly avoid conflicts with other assigned jobs or their own corporate interests. In case the applicants have any subsisting interest, either by themselves or through their partners, that is likely to conflict the work specified in the requirements, they shall declare such interests as part of their proposal.

## **6. स्पष्टीकरण / CLARIFICATIONS**

During evaluation stage of the Expression of Interests, CSL may at its discretion, ask owners/vendors for clarifications on their proposal. The owners/vendors are required to respond within the time frame prescribed by CSL. It may be noted that CSL will not reimburse any cost incurred by the vendors towards the preparation and submission of the EOI.

## **7. भाषा / LANGUAGE**



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The proposal and all associated correspondence shall be in English. All supporting document or printed literature submitted along with the offer shall also be in English.

**8. मूल्यांकन / EVALUATION**

- 8.1. The offer will be examined on the basis of response to requirements in EoI defined by CSL. If found necessary applicants may be called for to present the details at a suitable date and time. The purpose of such presentations is to facilitate the applicants to demonstrate their capacities in order to assist the evaluation committee to arrive at the envisaged objective.
- 8.2. In addition, CSL reserves the right to visit owners/vendors work place, if required to have firsthand information regarding the capacities. The vendors shall coordinate for the above visits whereas travelling and all other expenses for the same shall be borne by CSL. In the absence of adequate capacities, the EOI shall be rejected and hence will not be considered further.

**9. अयोग्यता / DISQUALIFICATION**

- 9.1. CSL may at its discretion and at any time during the evaluation of proposal, disqualify any vendor, if they have/are:
- 9.1.1. Submitted the proposal documents after the response deadline.
- 9.1.2. Not submitted satisfactory documentary evidence and proof as required
- 9.1.3. Made misleading or false representations in the forms, statements and attachments submitted.
- 9.1.4. Submitted a proposal that is not accompanied by required documentation or is non-responsive.
- 9.1.5. Failed to produce clarifications related thereto, when sought.
- 9.1.6. Declared ineligible by Government of India/State Govt/Public Sector Undertaking.
- 9.1.7. Not meeting any of the stipulated eligibility criteria laid out.
- 9.2. Even though the vendors meet the qualification criteria, they are subject to be disqualified if CSL come to know during the evaluation stage:
- 9.2.1. Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements and or



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9.2.2. Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, financial failures etc.

9.3. Information relating to the evaluation, clarification and recommendation for qualification is disclosed to vendors or any other persons not officially concerned with such process until the qualification process is completed. Any effort by the vendor to influence CSL process may result in rejection of this EOI.

**10. संपर्क / COMMUNICATION**

<b><u>For Commercial queries:</u></b>	<b><u>For Technical queries:</u></b>
1) Mr. Madhu P K, AGM (Outsourcing) Mob No: 73566 04501 Email : <a href="mailto:madhu.pk@cochinshipyard.in">madhu.pk@cochinshipyard.in</a>	1) Mr. Joby Varghese AGM (Hull) Mob No: 98957 05110 Email : <a href="mailto:joby.v@cochinshipyard.in">joby.v@cochinshipyard.in</a>
2) Mr. Adarsh S, AM (Outsourcing) Mob No: 87146 30926 Email : <a href="mailto:adarsh.s@cochinshipyard.in">adarsh.s@cochinshipyard.in</a>	

**12. अभिरुचि की अभिव्यक्ति प्रस्तुत करने का प्रपत्र / PROFORMA FOR SUBMISSION  
OF EXPRESSION OF INTEREST**

12.1. Covering letter clearly indicating the firm's interest in Fabrication & Supply Of Sub Assembly, Block Assembly, Modular/ Mega Blocks and Whole ships. (Refer form attached at Annexure - B).

12.2. Matrix on category of application as per Annexure – C

12.3. Application For Pre-Qualification as per Annexure – D

12.4. Company profile details to be provided as per Annexure - E- Complete name of the firm with legal status, date of establishment and type of organization, whether individual (Organization chart to be provided), proprietorship, partnership, private limited company, public limited company etc.

12.5. Financial capability statement of the firm as per Annexure F.

12.6. Solvency certificate from the firm as per Annexure G.

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- 12.7. Questionnaire for pre-qualification as per Appendix – I. The purpose of questionnaire is only to understand the firm’s facilities and experience.
- 12.8. Exact and complete corporate/registered/home & office address, business address, telephone numbers, Fax numbers, email and cable address. For firms with foreign registry, indicate any branch office(s) established in India with details in aforesaid manner.
- 12.9. If present firm is the successor to or outgrowth of one of the or more predecessors firms, fresh name(s) of former entity titles and year(s) of their original establishment with details in aforesaid manner.
- 12.10. Contact details of designated representative -List of not more than two (02) principals who may be contacted by the Office. Listed principals must be empowered to speak on behalf of the firm on policy and contractual matters.
- 12.11. Basic Details of the Hull Fabrication Jobs with relevant documents substantiating the Qualification Criteria & Requirements to be met.
- 12.12. Undertaking in the firms letter head with seal stating that “Fabrication & Supply Of Sub Assembly, Block Assembly and Modular /mega Blocks and whole ships” so intended to be sold should be free of all encumbrances and not be under lien, attachment or hypothecation/mortgage to any third parties including banks/ Financial Institutions for any liability whatsoever."
- 12.13. All pages of the Request for EOI document, including amendments if any shall be duly signed and sealed by the authorized representative of the firm as a token of the acceptance of all the terms and conditions stated therein the document.

**8. अभिरुचि की अभिव्यक्ति की प्रस्तुति / SUBMISSION OF EXPRESSION OF INTEREST**

- 8.1. EOI should be submitted in soft copy via E-mail only. CSL will not accept any other mode of EOI submission.
- 8.2. The subject of the E mail should clearly state the EOI number and due date of submission.
- 8.3. EOI Documents should be submitted in PDF Format and directly openable from the PDF format. Offers not complying with the above shall be summarily rejected without further intimation.
- 8.4. EOI shall be submitted via e mail to:
  - (i) [adarsh.s@cochinshipyard.in](mailto:adarsh.s@cochinshipyard.in)

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(ii) [ashtal.antony@cochinshipyard.in](mailto:ashtal.antony@cochinshipyard.in)

Copy to:

(iii) [madhu.pk@cochinshipyard.in](mailto:madhu.pk@cochinshipyard.in)

(iv) [philip.thomas@cochinshipyard.in](mailto:philip.thomas@cochinshipyard.in)

**9. क्षेत्राधिकार / JURISDICTION**

9.1. This invitation for EOI is subject to the Law of India, any dispute or difference on account of this EOI shall be subject to the Courts in Cochin, Kerala.

**10. प्रस्ताव जमा करने की अंतिम तिथि / LAST DATE FOR SUBMISSION OF PROPOSAL**

10.1. The EOI shall be received at Cochin Shipyard Ltd on or before 14.00 Hrs on 17 April – 2025.

10.2. Late EOI with conditions will be summarily rejected.

10.3. CSL takes no responsibility for delay, loss or non-receipt of EOI sent by e-mail.

**11. अनुलग्नक और परिशिष्ट की सूची / LIST OF ANNEXURE & APPENDIX**

- i. Annexure A - Scope of work
- ii. Annexure B - Format for letter of Submission
- iii. Annexure C- Matrix On Category Of Application
- iv. Annexure D- Application for Qualification
- v. Annexure E - Company Profile
- vi. Annexure F - Format for Financial Capability
- vii. Annexure G - Solvency certificate
- viii. Appendix I - Questionnaire For Pre-Qualification
- ix. Appendix II- Photograph of similar Work/Job done at Cochin Shipyard Limited for reference.

  
कृते उप महाप्रबंधक / For Deputy General Manager  
आउटसोर्सिंग विभाग / Outsourcing Department

## SCOPE OF WORK

### 1. INTRODUCTION

1.1. The scope of work includes 3 categories of work which shall be executed at firms premises using their facility:

1.1.1. **Category A:** Fabrication of sub-assembly/mid-assembly of Hull blocks as per drawings provided by CSL. (Transportable size via .Road).

1.1.2. **Category B:** Fabrication of hull block / modular blocks assembly as per drawings provided by CSL. Preferred mode of transportation via water route. (Approximate weight of Hull block is 20-100T and Modular block above 300T).

1.1.3. **Category C:** Total Ship(above 120M length.) construction.

1.2. The prepared and cut material for the works will be provided at Cochin Shipyard Ltd, Perumanoor PO,Kochi-15 and the fabricated items need to be delivered back in time.

### 2. WORK DESCRIPTION

#### 2.1 CATEGORY A: SUB ASSEMBLY / MID ASSEMBLY FABRICATION

2.1.1. Sub Assembly parts includes fabrication of all internal structural members of a hull block/unit of a ship like Web frames, Girders, floors, T-Sections, I Sections, Stringers, T-brackets etc, which may also include fabrication of Longitudinal, transverse bulk heads and tank boundary panels fabricated by joining of panel plates, then fit up and welding of stiffeners on to it & dry survey.

2.1.2. The firm shall ensure that sufficient number of welders are qualified by respective class for executing the job as per CSL WPS The welder qualification test is to be carried out in presence of relevant Class at own cost.

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- 2.1.3. The firm is preferred to have the welding workshop facilities with covered roof.
- 2.1.4. The firm should have to arrange crane if required with sufficient capacity for the fabrication of the unit, the hull unit is to be fabricated as per the detailed production drawings.
- 2.1.5. The firm should have to arrange if required covered steel fabrication facility with sufficient number of material handing equipment's, tools & tackles, welding machines, oven, forklift / hydra / Crane etc to expedite the work.
- 2.1.6. The subassembly /pre assembly should be planned in such a way that it should be transportable from the location of the firm to CSL by road.
- 2.1.7. The firm shall ensure that sufficient numbers of welders are qualified by DNV for executing the job as per CSL WPS. The facilities for welding test like welding machine, welding consumables and test piece will be provided by CSL on chargeable basis, whereas the welding tools & accessories and personal PPE is to be carried by the contractor. The welder test is to be carried out in presence of DNV/ IRS at CSL welding technology center.

**2.2 CATEGORY B : HULL BLOCK / MODULAR OR MEGA BLOCK FABRICATION**

- 2.2.1. Hull Block fabrication includes Panel welding, Sub assembly/ mid assembly fabrication and its union to make Hull Block or modular blocks and this includes Dry survey and other associated activities. Considering the size of block preferred mode of transport is water route.
- 2.2.2. The contractor shall fabricate ship-hull units weighing up to 100 Tons each, and modular blocks above 300T as per the specified drawings and standards. The work will be allocated based on the capacity of firm and at the discretion of CSL.
- 2.2.3. All work incidentals to achieve the quality requirements during fabrication of units as per standards, is in the scope of contractor; the contractor should be well versed with such standards and shall deliver quality units within scheduled time duration.

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- 2.2.4. The firm is preferred to have the welding workshop facilities with covered roof.
- 2.2.5. The firm should have to arrange crane if required with sufficient capacity for the fabrication of the unit, the hull unit is to be fabricated as per the detailed production drawings.
- 2.2.6. The firm should have to arrange if required covered steel fabrication facility with sufficient number of material handling equipments, tools & tackles, welding machines, oven, forklift / hydra / Crane etc to expedite the work.
- 2.2.7. The fabricated units shall be planned in such a way that it should be transportable from the location of the firm to CSL preferably by water route. Wherever size of block is transportable by road, road transportation is also encouraged.
- 2.2.8. All welding machines are to be calibrated, and Submerged Arc Welding and welding using semi/automatic/robotic welding Machine are preferred.
- 2.2.9. The firm must also have sufficient no of mother ovens and portable ovens for baking electrodes as per requirements.
- 2.2.10. The firm shall ensure that sufficient numbers of welders are qualified by DNV for executing the job as per CSL WPS. The facilities for welding test like welding machine, welding consumables and test piece will be provided by CSL on chargeable basis, whereas the welding tools & accessories and personal PPE is to be carried by the contractor. The welder test is to be carried out in presence of DNV/ IRS at CSL welding technology center.
- 2.2.11. The construction standards and dimensional tolerances for construction are specified in the Standards for Construction. Any rectification works which arise due to inspection checks by CSL QC or during DNV survey are also part of the scope of work of the supplier and are to be under taken by the supplier.
- 2.2.12. The fabrication will be considered complete only after the successful completion of the survey by CSL QC and DNV class.

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- 2.2.13. Any revisions/ additional requirements shall also be carried out by the supplier as per CSL issued drawings. Material for such revisions/ modifications/ additions shall also be supplied by CSL.
- 2.2.14. All welding machines are to be calibrated, and CO2 welding is to be used.
- 2.2.15. The contractor must also have sufficient number of mother ovens and portable oven for baking electrodes as per requirements.
- 2.2.16. The contractors should have sufficient number of skid of sufficient strength to fabricate the side shell unit. The skid should be strongly locked with floor by Welding/anchor bolts.
- 2.2.17. The cost for meeting NDT requirement to be borne by the supplier.
- 2.2.18. Scaffolding material for the safe inspection shall be arranged by the firm at own cost.

**2.3 CATEGORY C – TOTAL SHIP/HULL CONSTRUCTION OF SHIPS ABOVE 120M**

- 2.3.1. Total hull construction includes Sub Assembly & Assembly of hull units, erection of blocks, alignment, fit up, welding dry survey, NDT testing, electrical and mechanical outfitting.
- 2.3.2. The prefabricated sub-assemblies / mid assemblies / blocks shall be fabricated and erected as per CSL drawings. The erected blocks are then to be aligned to the satisfaction of the inspection authority (CSL Quality Control Team/ Owner / Class Surveyor).
- 2.3.3. Green material removal, final alignment and final strapping of blocks etc shall be done as per CSL standard.
- 2.3.4. The vacuum testing of erection joints shall be done by the firm. Any rectification on the joint during the time of vacuum test also needs to be carried out. The fuel for the compressor needs to be provided by the firm. Equipment, if required will be supplied by CSL on returnable basis.



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- 2.3.5. The removal of lifting lugs, carlings, additional supports and pads including dry survey during erection shall be done by the firm.
- 2.3.6. Principal dimension survey and keel sighting of the vessel shall be done by the firm.
- 2.3.7. All fair outs need to be attended both in hull fabrication stage and erection stage as per CSL standards.
- 2.3.8. After successful completion of structural outfitting and hull completion, testing of tanks needs to be carried out as per CSL standards and drawings to the best satisfaction of CSL Quality Control (CSL QC) / CLASS / OWNER.
- 2.3.9. The construction standards and dimensional tolerances for construction are specified in the Standards for Construction. Any rectification works which arise due to inspection checks by CSL QC or during Class survey are also part of the scope of work of the supplier and are to be undertaken by the supplier.
- 2.3.10. The fabrication of the ship shall be considered complete only after the successful completion of the survey by CSL QC and Class.
- 2.3.11. Any revisions/ additional requirements shall also be carried out by the supplier as per CSL issued drawings. Material for such revisions/ modifications/ additions shall also be supplied by CSL.
- 2.3.12. All welding machines are to be calibrated, and CO2 welding is to be used.
- 2.3.13. The firm must also have sufficient number of mother ovens and portable oven for baking electrodes as per requirements.
- 2.3.14. All scaffolding requirements to be done by firm including material for safe working at heights for block fabrication, erection, outfitting and painting.

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- 2.3.15. The supplier shall have dedicated safety person and fire watch man for ensuring safety and fire hazards.
- 2.3.16. All tools and tackles required for hull block fabrication, erection, outfitting and painting works.
- 2.3.17. Plate/ sections will be supplied at their facility by CSL/ flexibility to procure by the firm may be given at the discretion of CSL.
- 2.3.18. Should have capacity for plate preparation- blasting, priming, forming, CNC Plasma cutting etc.
- 2.3.19. Should have shop facility with sufficient crane capacity for undertaking large block fabrication.
- 2.3.20. Should use their own consumables ( Welding electrodes), grinding wheels etc.
- 2.3.21. Shall have firm's own inspections by Class, NDT
- 2.3.22. Should undertake essential underwater outfitting
- 2.3.23. Blasting & scheme painting of Hull exterior and system painting of other areas.
- 2.3.24. Should have waterfront for transporting the entire hull should be able to toe the hull from their facility and deliver at CSL.

**3. INSPECTION, TESTING, QA AND QC**

- 3.1. The complete work has to be carried out under the survey of ship classification society / owner / CSL as per applicable QAP.
- 3.2. Contractor shall ensure various pre requisite to ensure quality such as qualification of WPS, use of calibrated welding machines and oven's, use of welding consumables approved by DNV/IRS, material / welder traceability, facility inspection and clearance by DNV/IRS etc.

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- 3.3. All tests and inspections shall be carried out as per the approved quality assurance plan of CSL.
- 3.4. All works shall be as per strict compliance to weight control and approved CSL drawings.

**4. SERVICES / FACILITIES PROVIDED BY CSL**

- 4.1. Providing detailed fabrication drawings and standards.
- 4.2. Providing prepared materials for the works if required as per contract.
- 4.3. Providing production/ detailed fabrication drawings
- 4.4. Arrangement for inspection by in house QC/OWNER/DNV
- 4.5. CSL shall share QA plan & NDT plan.
- 4.6. CSL will share approved WPS for welder qualification.
- 4.7. The welder test is to be carried out in presence of DNV at CSL welding technology centre.
- 4.8. The facilities for welding test like welding machine, welding consumables and test piece will be provided by CSL, whereas the welding tools accessories and personal PPE to be carried by the contractor.
- 4.9. CSL will provide the crane/fork lift at CSL facility for loading material and unloading finished product subject to availability
- 4.10. CSL will provide electrodes at 2.0 % for subassembly & at 3% of block weight and backing strips for welding if required as per contract.

**5. PREFERRED FACILITIES & EQUIPMENT IN THE PREMISES OF CONTRACTOR**

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- 5.1. Material handing equipment's such as Fork lift, Crane etc
- 5.2. Covered roof facility.
- 5.3. Welding machines.
- 5.4. Portable ovens.
- 5.5. Dry dock, Slip way as applicable.

**6. SERVICES TO BE PROVIDED BY CONTRACTOR**

- 6.1. The vendor's scope of work as per the applicable scope for Category A or B or C or All , includes the supply of fabricated units as per drawing which includes sub assembly, mid assembly, final assembly and whole ship construction.
- 6.2. Suitable facility / workshop for fabrication of Units.
- 6.3. All consumables other than electrodes and backing strip to be borne by the vendor at own cost as per the contract.
- 6.4. Transportation of prepared materials (CNC cut and formed) provided by CSL and returning back the finished unit after fabrication. The transportation must be arranged by the vendor, meeting all the statutory requirements as applicable on the mode of transport .The Crane/fork facility can be used for loading the prepared material into the transporter and unloading of finished product at CSL subject to availability. However, the Crane / Forklift for unloading the prepared material supplied by CSL and loading of finished product at Contractor facility to be arranged by the Contractor. However contractor should intimate in advance the arrangement of transporter with all required details. Moreover the capacity of the truck to be planned based on the weight / dimensions of the plate to be loaded.
- 6.5. Touch-up of CSL-supplied primer after QC inspection with proper preparation.
- 6.6. Tools and tackles for fabrication.

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- 6.7. Rectification if any due to transportation/class & owner remarks to be attended by the firm inside CSL at their own cost. Otherwise the cost for rectification will be deducted from the bill of contractor.
- 6.8. Any pending surveys like hose test/vacuum test/MPT/UT etc. to be done by the vendor inside CSL after dispatching the unit. CSL will facilitate the same with the support of the vendor.

**7. DELIVERY**

- 7.1. All finished material need to be transported to CSL meeting the delivery date specified in the contract.
- 7.2. Transportation of finished material to CSL is in the scope of the supplier inclusive of arrangements for fulfilling statutory requirements based on the mode of transport.
- 7.3. Crane facility of CSL can be used for unloading the finished material under the guidance of the supplier's team. However contractor should intimate sufficiently in advance the arrangement of transporter with all required details.
- 7.4. Any temporary material required for lashing/ securing for the safe transport of the finished material for delivery at CSL is in the scope of the supplier and this material will NOT be provided by CSL.
- 7.5. Liquidated Damage as per CSL terms will be applicable for the delay in supply/ delivery.

**8. CSL SCOPE OF WORK FOR CATEGORY C**

- 8.1. Providing detailed fabrication drawings and standards.
- 8.2. Providing prepared materials for the works if required as per contract.
- 8.3. Providing production/ detailed fabrication drawings.
- 8.4. Arrangement for inspection by in house QC/OWNER/DNV.

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- 8.5. CSL shall share QA plan & NDT plan.
- 8.6. CSL will share approved WPS for welder qualification.

**9. FIRMS SCOPE OF WORK FOR CATEGORY C**

- 9.1. Construction of full ship having overall length above 120 in own/rented slip way/dry dock.
- 9.2. Collection of material from CSL at own cost.
- 9.3. Fabrication of block in a covered roof with crane and material handling facilities including basic structural outfitting.
- 9.4. Blasting and painting of blocks in coating shop with requirement meeting PSPC standard.
- 9.5. Alignment of blocks in drydock matching with CSL standard.
- 9.6. Post erection activities and NDT completion.
- 9.7. Executing underwater outfitting and equipments for launching the vessel.
- 9.8. Air test and hydro test of tanks.
- 9.9. Performing under water blasting and painting activities.
- 9.10. Underwater survey to the best satisfaction of owner and class rep.
- 9.11. Towing the ship back to CSL meeting statutory requirements



**Expression of Interest – Fabrication & Supply Of Sub Assembly, Block Assembly  
, Modular Blocks and Whole ships**

**अनुलग्नक / ANNEXURE - B**

**Format for letter of Submission  
(On Parent Company's Letter Head)**

(Date and Reference)

To  
General Manager (Ship Building)  
Cochin Shipyard Limited Perumanoor  
P.O  
Kochi 682015.

Dear Sir,

**Sub: Request for Expression Of interest For Fabrication & Supply Of Sub  
Assembly, Block Assembly and Modular Blocks and Whole ships**

1. We,.....  
..... (Name of the Parent Company) hereby  
authorise.....  
..... (Name of Subsidiary Company/ Authorised representative), to prepare and  
submit the proposal in response to the CSL requirement for Hull Fabrication Jobs In SSD  
Complex, Cochin Shipyard Limited.

2. If.....  
(Name of subsidiary company) is successful in meeting the requirements to the  
satisfaction of CSL,.....  
(Name of Parent Company) will provide full technical and financial assistance  
to.....  
(Name of subsidiary company) in order to perform the contractual obligations with Cochin  
Shipyard Ltd.

(Signature of the Authorised Representative)

(Name & designation of the Authorised





**MATRIX ON CATEGORY OF APPLICATION**

Zone	Firms fabrication location (DISTANCE FROM CSL, KOCHI)	Location of firm (Tick)	Preferred Category of work ( A / B/C or combination of A,B,C)	Preferred mode of Transport (Water or Road route)
Zone - 1	Upto 100 KM			
Zone - 2	Above 100 KM			

**Instructions**

1. Please tick mark the appropriate column based on your work location
2. Mention the category of work that you would like to work on category A/B/ C/  
combination of A,B,C as defined in Scope of Assignment clause no 3.1
3. Modes of transportation applicable based on your work location: water route/ by road/  
both

അനുലഗ്നക / ANNEXURE - D  
**APPLICATION FOR PRE-QUALIFICATION**

Letter of Expression of Interest  
(On Applicant's Letter head)

(Date and Reference)

To  
General Manager (Ship Building)  
Cochin Shipyard Limited  
Perumanoor PO  
Kochi - 682105

Dear Sir,

**Sub:- Expression of Interest (EOI) for Fabrication & Supply Of Sub Assembly,  
Block Assembly and Modular /mega Blocks and Whole ships**

With reference to your Request for EOI referred above, We, (name of the applicant) having examined all relevant documents and understood their contents, hereby submit our Proposal for the short listing of contractors and state that:

1. All information provided in the Proposal and in the Appendices is true and correct.
2. We shall make available to CSL any additional information it may find necessary or require to supplement or authenticate the Proposal.
3. We are not under a declaration of ineligibility issued by Govt. of India / State govt. / Public Sector Undertakings.
4. We agree and undertake to abide by all the terms and conditions of the Request for EOI Document.

Thanking you,

Yours faithfully,

(Signature of the Authorized Representative)

(Name and designation of the Authorized Representative)

(Name of the Applicant)

**Expression of Interest – Fabrication & Supply Of Sub Assembly, Block Assembly  
, Modular Blocks and Whole ships**

अनुलग्नक / ANNEXURE - E

<b>Company Profile</b>	
1	Name of Firm/owner of the firm/company :
2	Nationality :
3	Head Office Address :
4	Address on which Correspondence should be done
5	Tel. No.
6	Mobile no.
7	Fax No.
8	E-mail address :
9	Place of incorporation / registration and Country :
10	Constitution of firm, Specify if the firm is
	a) An individual :
	b) A proprietary firm :
	c) A firm in partnership :
	d) A Limited Company or Corporation :
	Attach a copy of Proprietorship or Partnership Deed or Memorandum & Articles of Association of
11	Bank solvency /Solvency Certificate
12	Turnover for the years given below
	a) FY 2021-22 :
	b) FY 2022-23 :
	c) FY 2023-24 :
13	Major projects executed in last 3 years :
14	Give particulars of registration with Govt. / Semi Govt. / Public Sector Undertakings s/ Local Bodies



**Expression of Interest – Fabrication & Supply Of Sub Assembly, Block Assembly  
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15	Litigation/ Arbitration case pending , If any give details
	a) EPF No & ESI No :
	b) GST No :
	c) Sale tax no :
	d) PAN No :
	e) Service Tax Registration No:
17	Any other information considered necessary, but not included above:

Note: Please attach relevant documents



അനുലഗ്നക / ANNEXURE - F

**FORMAT FOR FINANCIAL CAPABILITY**

Sl. No.	Last three Financial Year	Annual Turnover	Profit after Tax (PAT)	Net worth at the end of the financial year
1	2021-22			
2	2022-23			
3	2023-24			

To be signed by the Authorized Signatory of the Applicant with Name, Designation, seal and date.

**Certificate from Chartered Accountant:**

This is to certify that \_\_\_\_\_ (name of the Applicant) has received the payments shown above against the respective years and that the net worth is as computed.

Name of the Authorized Signatory representing Auditing firm:

Designation:

Name of firm (Chartered Accountant):

Signature of the Authorized Signatory:

Seal of Audit firm



अनुलग्नक / ANNEXURE – G

**SOLVENCY CERTIFICATE**

To  
General Manager (Ship Building)  
Cochin Shipyard Limited  
Kochi-682015, Kerala

Certified that to the best of our knowledge and information (Insert name of Applicant).....  
a customer of our bank, is respectable and can be treated as capable for executing the work up to a limit of Rs.....(Rs.....).

It is clarified that this certificate is issued without any guarantee or responsibility on the bank or any of the officers.

Signature:  
Name & Designation:  
Name of the Bank

Bank seal:  
Date:

Note: This certificate may be issued on the letter head of the bank and addressed to the General Manager (Ship Building), Cochin Shipyard Ltd



परिशिष्ट / APPENDIX - I

**QUESTIONNAIRE FOR PRE-QUALIFICATION**

	QUESTIONS	REMARKS
1	What are different types of steel fabrication that you have worked on?	
2	What is the area available for steel fabrication? How much of this is under covered roof ?	
3	What are the facilities available for i) Blasting, ii) Painting, iii) Cutting and iv) Forming, shearing of plates / sections for Steel fabrication?	
4	Details of welding machines (specifically MIG/MAG, SAW No's) and Cutting (PLASMA /Oxy fuel) machines with numbers available? With cutting bed size length and width.	
5	What is the area under cranes?	
6	What is the number, type and capacity of cranes?	
7	What is the largest assembly that can be fabricated, in terms of size and tonnage?	
8	Detail of lifting capacity of cranes height below the hook& horizontal transporters with numbers available?	



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, Modular Blocks and Whole ships**

10	What is the current manpower strength at your facility ?	
15	What are the orders in hand currently?	
16	What type of transportation you prefer ( water or Road) ? Do you have any Transportation facility that can be used for transporting Sub Assembly, Block Assembly and Modular /mega Blocks Of Ship Hull by road /water to Cochin? If yes, what is the capacity, size with number available?	
17	Whether the cutting of plates & profiles could be done by providing drawing from CSL? Which software is using for cutting?	
18	ISO / QHSE Policy (QMS, EMS, OHAS) Implementation & Certification.	
19	What process is followed for surface preparation (Blasting / Painting) of steel plates?	
20	What is the process followed for marking and cutting of plates?	
21	What weld procedures are followed in Sub Assembly, Block Assembly and Modular Blocks Of Ship Hull fabrication? Do you have any WPS, provide details?	
22	How do you manage dimensional accuracy? (Process across blasting / primer painting/ cutting/ edge preparation/ forming/ panels welding/ fit ups/ welding /subassembly/Dry survey/ Final painting/ deviations during transportation and unloading at Cochin?	
23	Plate/section blasting and cutting, forming, rolling facilities including the limiting dimensions/capacity of equipment?	

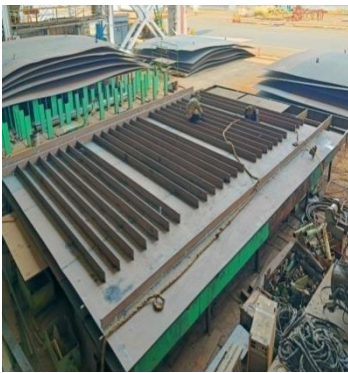
**Expression of Interest – Fabrication & Supply Of Sub Assembly, Block Assembly  
, Modular Blocks and Whole ships**

24	What are the quality standards used for manufacturing?	
25	Which are the Third party inspection CLASS with which you deal regularly? Which CLASS are resident in your works?	
26	What is the process and capacity for painting of Sub Assembly, Block Assembly and Modular Blocks Of Ship Hull?	
27	Any procedure for weld repair /welder Qualification /development of WPS.	
28	Any procedure for distortion correction of welded structural members?	
29	What is the NDT capability available at the yard what? Which NDT is done in house and outsourced	



**Expression of Interest – Fabrication & Supply Of Sub Assembly, Block Assembly , Modular Blocks and Whole ships**

**Sub - Assembly**



**Modular block**

