

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

पोत निर्माण प्रभाग/SHIP BUILDING DIVISION  
आउटसोर्सिंग विभाग  
OUTSOURCING DEPARTMENT



INVITES

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

FOR

SHEET METAL FABRICATION USING CSL SUPPLIED MATERIALS FOR  
OUTFITTING WORKS IN SHIPS UNDER CONSTRUCTION IN CSL.

EOI NO. SB-OSD/GEN/803/2023    Dtd. 14-09-2023



SEPTEMBER - 2023

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

### /FOR SHEET METAL FABRICATION USING CSL SUPPLIED MATERIALS FOR OUTFITTING WORKS IN SHIPS UNDER CONSTRUCTION IN CSL.

#### **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 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 requirements of the markets and has evolved from building bulk carriers to smaller and more technically sophisticated vessels such as Platform Supply Vessels (PSV) and Anchor Handling Tug Supply Vessels (AHTS).

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 47 vessels to some of the most demanding clients in Norway, Netherlands, Cyprus, USA, Germany, Denmark/Bahamas, Saudi Arabia and UAE. This has international market. 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, Lakshadweep Government, various Port Trusts, Inland Waterways Authority of India (IWAI), 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 up gradation of ships of 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 geographically expanded its footprints across the western and eastern coast of India. Ship repair facilities have set up at Mumbai, Kolkata and Port Blair. Also, CSLs wholly owned subsidiary base set up at Udupi and Hoogly.



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CSL is in the process of setting up a New Dry-dock and setting up an international ship repair facility at Wellington Island, Kochi with a ship lift and six transfer bays. The New Dry-dock measuring 310\*75/60\*13m with a 600T Gantry crane will be capable of handling vessels upto Suezmax, Aircraft Carriers of 70000T displacement, Jack-up rigs, LNG vessels etc.

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

Cochin Shipyard is in the process of expanding its present production capacity with the construction of a new dry dock expected to be ready by 2024 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 ship building through put for Sheet Metal Shop of CSL is presently approx. 20 Tons per month primarily tailored for the existing building dock. The objective of this EOI is to identify the potential firms to fabricate sheet metal shop items outside CSL from year 2023 onwards. And, to receive Expression of Interest (EOI) to shortlist eligible bidders for considering LTE for the requirements in Sheet Metal fabrication works.

**3. कार्य क्षेत्र / SCOPE OF ASSIGNMENT**

The scope of work includes fabrication and supply of approx. 20 Tons of fabricated products per month. It includes obtaining supply of raw materials like steel plates/equal angles/perforated plates from the CSL, preparation, fabrication, welding etc. as per drawings provided by CSL and same needs to be delivered to Cochin Shipyard Ltd, Perumanoor PO, Kochi-15 in time. The quantity is indicative only and can vary depending on CSL requirements. The scope includes the following:

**3.1. सीएसएल में विभिन्न परियोजनाओं के लिए बोर्ड जहाजों पर पोशाक के लिए शीट धातु की दुकान की वस्तुओं का सामग्री संग्रह, निर्माण / MATERIAL COLLECTION, FABRICATION OF SHEET METAL SHOP ITEMS FOR THE OUTFIT ON BOARD SHIPS FOR VARIOUS PROJECTS IN CSL.**

The vendor shall be responsible to CSL for the following-

Collecting raw materials from CSL, fabrication, welding and supply of Sheet Metal Shop items based on drawings. Steel/Aluminium plates, equal angles, pipe supports will be issued as per the standards specified in the fabrication drawing, bill of material (BOM). Fabrication,



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welding, inspection and transportation till Cochin Shipyard premises in Cochin. Profile includes bulb plate, flat bar, T-section, I section, C Section, equal angle / unequal angle etc.

**Scope of work can be summarized as follows:**

- a) Collection of materials for sheet metal fabrication as per the standards mentioned in the fabrication drawing from CSL.
- b) Marking, cutting, rolling, edge preparation, machining, bending of plates/equal angles/pads based on the fabrication drawing.
- c) Fabrication of the items in drawings (should be as per relevant CLASS rules and fabrication standards indicated by CSL for each lot).
- d) Items should be punched with the vessel number, SMS number and piece mark for identification and sorting based on the drawings.
- e) The welding of the pieces should be under the strict guidelines of WPS by the approved welders.
- f) WPS & welder qualification is to be submitted for the fabrication/welding.
- g) Items are to be dry surveyed thoroughly to remove weld spatters, surface finish, remove sharp edges, and for any existing defects during the manufacture.
- h) All the fabrications are to be offered to internal QC team for inspection before delivery.
- i) Items having weight of greater than 100 Kgs should be offered for survey by OWNERS/CLASS. Additional care should be taken while undertaking such fabrications.
- j) Packing and delivery to be done as per MLF (Material list of Fabrications) given by CSL, without causing any damage/deformation on the items/pieces.
- k) Transportation and delivery of finished items to CSL should be done within the set deadline.

**3.1.1. सामग्री संग्रह / MATERIAL COLLECTION**

**3.1.1.1. वस्तुओं के प्रकार / TYPES OF ITEMS**

The following are the raw materials generally used for sheet metal fabrications:

- (a) Steel/Aluminium plates
- (b) Steel/Aluminium equal angles
- (c) Steel/Aluminium Pipe supports
- (d) Steel circular/square rods
- (e) Steel/Aluminium Perforated plates
- (f) Steel/Aluminium Chequered plates



### 3.1.1.2. परियोजनावार सामग्री का भार/PROJECT WISE MATERIAL WEIGHTAGE

TYPE	PERCENT
Steel	80
Aluminium	20

*NOTE: The weight of the fabricated item will be in general greater than 5 kg.  
The photo graph of similar work done in CSL is attached as Appendix – III*

### 3.1.2. वस्तुओं की तैयारी और निर्माण/PREPARATION AND FABRICATION OF ITEMS

- 3.1.2.1. Before cutting of items, make cutting plan to avoid material wastage
- 3.1.2.2. The cutting of the items is to be done using CNC/Plasma/Oxy-acetylene/Shearing/Abrasive cutting machine.
- 3.1.2.3. Pads are to be cut of required size using Oxy-acetylene/Plasma/CNC cutting.
- 3.1.2.4. Edge preparation, sufficient root gap is to be provided for the weld joints. Weld area should be cleaned from rust and mill scale.
- 3.1.2.5. Fitting of the pieces as per fabrication data provided in the fabrication drawing.
- 3.1.2.6. Fabrication includes marking, cutting, edge preparation, welding, inspection etc. as per the drawings, specifications/instructions of Officer-in-Charge.
- 3.1.2.7. The list of machineries and instruments currently available with the firm is to be provided.

### 3.1.3. वस्तुओं की वेल्डिंग/WELDING OF ITEMS

- 3.1.3.1. Welding of the pieces should be as per the yard/class standards.
- 3.1.3.2. The supplier shall ensure that sufficient number of welders is qualified by respective class for executing the job as per CSL WPS.
- 3.1.3.3. The welder qualification test is to be carried out in presence of relevant Class at vendor's own cost.
- 3.1.3.4. All welding machines are to be calibrated, and welding should be done using semi/automatic/robotic welding Machine are preferred.
- 3.1.3.5. After welding remove spatters and over projections by means of grinding or chipping.
- 3.1.3.6. After dry survey items are to be offered for QA inspection. Firms should ensure NDT testing requirements as per the class rules.

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**3.1.4. निरीक्षण/परीक्षण/क्यूए और क्यूसी/INSPECTION/ TESTING/ QA AND QC**

The complete works are to be inspected & approved by vendor's internal QC. The same is to be presented to owner/classification society (will be called "third party" hence forth) (IACS recognized) for the inspection and certification. The same shall be submitted to CSL. The vendor should strictly follow the below noted points.

- 3.1.4.1. Vendor to maintain the required dimensional accuracy and surface finish as per quality standards (to be provided by CSL).
- 3.1.4.2. All welding works shall be carried out by approved and qualified welders only.
- 3.1.4.3. All test including NDT, Radiography tests, if any, shall be as per QAP.
- 3.1.4.4. All works shall be as per strict compliance to approved CSL drawings/ QAP.
- 3.1.4.5. Quality Check should be offered to CSL Quality Assurance team before Galvanization along with the report from third party inspection.
- 3.1.4.6. If galvanizing is required, galvanizing is to be done to meet the standards set by the yard and all approved inspection report with Dispatch form to be handed over to CSL.
- 3.1.4.7. After galvanization an inspection has to be arranged to inspect the Dry Film Thickness (DFT) of galvanization.
- 3.1.4.8. All inspection reports including material test reports, internal QC reports, third party inspection report etc. shall be send along with the delivery at CSL. Final acceptance will be based on the verification of documents and physical inspection of supplied items by CSL QC team.
- 3.1.4.9. Successful bidder should depute a team (Fabricators & Third-party inspection) to CSL to study the fabrication drawings which includes bending details reading, fit-up details reading, welding details reading etc.
- 3.1.4.10. Bidders should have experience in marine/ship building nature of works and should submit the details when required. Any further clarifications needed should be communicated through proper channel and will be clarified.

**3.1.5. वितरण/DELIVERY**

- 3.1.5.1. All finished products and scrap needs to be transported to CSL meeting the delivery date specified in purchase order.
- 3.1.5.2. Transportation of finished products and scrap to CSL is in the scope of the supplier inclusive of arrangements for fulfilling statutory requirements based on the mode of transport.



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- 3.1.5.3. Crane facility of CSL can be used for unloading the finished products under the guidance of the supplier's team. However the vendor should intimate sufficiently in advance the arrangement of transporter with all required details.
- 3.1.5.4. Any temporary material required for lashing/ securing for the safe transport of the finished products for delivery at CSL is in the scope of the supplier and this material will NOT be provided by CSL.
- 3.1.5.5. Proper packaging should be ensured so that the fabricated product/spool is not damaged during the transport.
- 3.1.5.6. The item fabrication should be planned in such a way that it should be transportable from the location of the firm to CSL by road/water.

**3.1.6. उपभोग्य/CONSUMABLES**

- 3.1.6.1. All consumables including welding consumable are in the scope of the supplier and will not be provided by CSL.
- 3.1.6.2. CSL can share the list of approved welding consumables like electrodes/ wires/ backing strips etc. with the supplier. Other welding consumables which are not in the list provided by CSL shall NOT be used.
- 3.1.6.3. The consumables used by the vendor shall be complying with the material grade being specified in the drawing and complying with the Class requirements.
- 3.1.6.4. Records to be maintained towards the same and are to be submitted to CSL's QC department along with delivery.
- 3.1.6.5. The purchase order of the weld consumable bought and being used by the supplier for executing this job shall be shared to CSL for records and to check the veracity.

**4. आम तौर पर काम के दायरे के लिए उपयोग की जाने वाली मशीनरी और उपकरण/  
MACHINERY AND EQUIPMENT GENERALLY USED FOR THE SCOPE OF WORK**

CSL expects the firm to have the following facilities / suitable arrangements. Firm should note down their facilities/alternatives in Appendix I & Appendix II for accomplishing the Scope of work.

- 4.1. CNC Plasma plate cutting machine (up to 12 mm).
- 4.2. Oxy-acetylene plate cutting machine (up to 30 mm).
- 4.3. Shear cutting machine for plate cutting (3 to 16 mm).
- 4.4. Radial drilling machine (ID 50 mm)
- 4.5. Plate bending machine for bending of sheets (10NB to 150NB).
- 4.6. Abrasive cutting machines (for angles 75X75X6 & pipes of up to 80NB OD).



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- 4.7. Item Fabrication skids for edge preparation, punching, tack welding.
- 4.8. Semi- automatic/fully automatic MIG welding machine.
- 4.9. Semi- automatic/fully automatic TIG welding machine.
- 4.10. NDT facilities for meeting inspection requirements.
- 4.11. Sufficient no. of EOT cranes for seamless flow of material.
- 4.12. Material handling equipment like fork lift, transporters, moving cranes etc.

**5. आपूर्ति का सीएसएल क्षेत्र / CSL SCOPE OF SUPPLY**

- 5.1. CSL will provide the raw materials, fittings as per the BOM which is required for the fabrication.
- 5.2. All fabrication drawings, bending data, fit up data, BOM will be provided by CSL.
- 5.3. Relevant Welding Procedure Specification (WPS) and Quality Assurance Procedure (QAP) will be shared with supplier by CSL.

**6. पात्रता मानदंड / QUALIFICATION CRITERIA**

The Firm should qualify the following PQ Criteria.

**6.1. सामान्य / GENERAL**

- 6.1.1. The vendor shall be a single firm.
- 6.1.2. The firm 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.
- 6.1.3. Firm shall not be under a declaration of ineligibility issued by Govt. of India/ State govt. / Public Sector Undertakings etc. The firm shall not have been debarred / black listed by CSL or by any of the Public Sector Undertaking or Government department etc.
- 6.1.4. All statutory requirements including labour license / ESI / EPF / Insurance of employees etc shall be the responsibility of contractor/ firms.
- 6.1.5. RIGHT TO VERIFICATION: CSL has the right to verify the authenticity of firm/ 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.



## 6.2. तकनीकी अनुभव / TECHNICAL EXPERIENCE

6.2.1. The firm should have experience of undertaking similar works. Similar works/ job is defined as :

- (i) The firm should be in the field of steel structure fabrication during last 7 years ending 31 March 2023 and have minimum 3 years experience/ in sheet metal fabrication works or steel structure fabrication works. and preferably be conversant with Ship Building /Ship repair/ Ship Construction procedures or paramilitary ships or submarines works.
- (ii) Work/job experience refers to successfully completed steel structure fabrication works with an average production capacity of 100 MT per year ending on 31<sup>st</sup> March 2023 or Average Rs 1 Crores in value per year ending on 31<sup>st</sup> March 2023 in steel fabrication works

6.2.2. The firm should have covered sheet metal fabrication facility with sufficient number of material handing equipments, tools & tackles, cutting machines, bending machines, welding machines, drilling machines, forklift / hydra transporters / Crane etc to expedite the work (Please refer para (4) above for facility / equipments requirement)

6.2.3. 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.

6.2.4. 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.

## 6.3. वित्तीय क्षमता / FINANCIAL CAPABILITY

6.3.1. The bidder shall have an average financial turnover of Rs. 1 Crores during the last three years ending on 31<sup>st</sup> March 2023.

6.3.2. The Firm shall enclose with its Proposal, certificate issued by Chartered Accountant with their seal and signature, stating its net worth, turnover and profit during the past three years. Certificate shall be as per the format placed at Annexure – D.





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

7.1. 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.

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

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

## **9. स्पष्टीकरण / CLARIFICATIONS**

9.1. During evaluation stage of the Expression of Interests, CSL- may at its discretion, ask owners/firms for clarifications on their proposal. The owners/firms 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 firms towards the preparation and submission of the EOI.

## **10. भाषा / LANGUAGE**

10.1. 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.

## **11. मूल्यांकन / EVALUATION**

11.1. 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.

11.2. In addition, CSL reserves the right to visit owners/firms work place, if required to have first hand information regarding the capacities. The firms 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.



## 12. अयोग्यता / DISQUALIFICATION

12.1. CSL may at its discretion and at any time during the evaluation of proposal, disqualify any firm, if they have/are:

- 12.1.1. Submitted the proposal documents after the response deadline.
- 12.1.2. Not submitted satisfactory documentary evidence and proof as required
- 12.1.3. Made misleading or false representations in the forms, statements and attachments submitted.
- 12.1.4. Submitted a proposal that is not accompanied by required documentation or is non-responsive.
- 12.1.5. Failed to produce clarifications related thereto, when sought.
- 12.1.6. Declared ineligible by Government of India/State Govt/Public Sector Undertaking.
- 12.1.7. Not meeting any of the stipulated eligibility criteria laid out.

12.2. Even though the firms meet the qualification criteria, they are subject to be disqualified if CSL come to know during the evaluation stage:

- 12.2.1. Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements and or
- 12.2.2. Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion of financial failures etc.
- 12.2.3. Information relating to the evaluation, clarification and recommendation for qualification is disclosed to firms or any other persons not officially concerned with such process until the qualification process is completed. Any effort by the firm to influence CSL process may result in rejection of this EOI.

## 13. संपर्क / COMMUNICATION

**For Commercial queries:**

Mr. Madhu P K,  
AGM (Outsourcing)  
Mob No: 73566 04501  
Email : [madhu.pk@cochinshipyard.in](mailto:madhu.pk@cochinshipyard.in)

**For Technical queries:**

Mr. Sajan K R  
AGM(PIPE SHOP)  
Mob No: 98957 05162  
Email : [sajan.kr@cochinshipyard.in](mailto:sajan.kr@cochinshipyard.in)



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

- 14.1. Covering letter clearly indicating the firm's interest in SHEET METAL FABRICATION USING CSL SUPPLIED MATERIALS FOR OUTFITTING WORKS IN SHIPS UNDER CONSTRUCTION IN CSL. (Refer form attached at Annexure - A).
- 14.2. Company profile details to be provided as per Annexure - C - 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.
- 14.3. Financial capability statement of the firm as per Annexure D.
- 14.4. 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.
- 14.5. 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.
- 14.6. 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.
- 14.7. Basic Details of the Sheet metal Fabrication Jobs with relevant documents substantiating the Qualification Criteria & Requirements to be met. Application for Qualification to be provided as per Annexure-B.
- 14.8. Undertaking in the firm's letter head with seal stating that "SHEET METAL FABRICATION USING CSL SUPPLIED MATERIALS FOR OUTFITTING WORKS IN SHIPS UNDER CONSTRUCTION IN CSL." 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."
- 14.9. 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.



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

- 15.1. EOI should be submitted in soft copy via E-mail only. CSL will not accept any other mode of EOI.
- 15.2. The subject of the E mail should clearly state the EOI number and due date of submission.
- 15.3. 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.

15.4. EOI shall be submitted via e mail to:

(i) [jithu.gl@cochinshipyard.in](mailto:jithu.gl@cochinshipyard.in)

Copy to:

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

(iii) [ajithkumar.n@cochinshipyard.in](mailto:ajithkumar.n@cochinshipyard.in)

(iv) [adarsh.s@cochinshipyard.in](mailto:adarsh.s@cochinshipyard.in)

**16. क्षेत्राधिकार / JURISDICTION**

- 16.1. 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.

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


- 17.1. The EOI shall be received at Cochin Shipyard Ltd on or before 14.00 Hrs on 04<sup>th</sup> October – 2023.
- 17.2. Late EOI with conditions will be summarily rejected.
- 17.3. CSL takes no responsibility for delay, loss or non-receipt of EOI sent by e-mail.



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

- i. Annexure A - Format for letter of Submission
- ii. Annexure B - Application for Qualification
- iii. Annexure C - Company Profile
- iv. Annexure D - Format for Financial Capability
- v. Appendix I - List of Plant and Machinery
- vi. Appendix II - List of Measuring Instruments
- vii. Appendix III - Typical Drawings / Snaps of Sheet Metal Items and Photograph of similar Work/Job done at Cochin Shipyard Limited for reference.

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



**अनुलग्नक / ANNEXURE - A**

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

(Date and Reference)

To

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

Dear Sir,

**Sub: Request for Expression Of interest For Sheet metal fabrication using Cochin Shipyard Limited(CSL) supplied materials for outfitting works in ships under construction in CSL,**

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 Sheet metal fabrication using  
Cochin Shipyard Limited(CSL) supplied materials for outfitting works in ships under  
construction in CSL.
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



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in ships under construction in CSL**

अनुलग्नक / ANNEXURE – B

**APPLICATION FOR PRE-QUALIFICATION**

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

(Date and Reference)

To

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

Dear Sir,

**Sub:- Expression of Interest (EOI) for Sheet metal fabrication using Cochin Shipyard Limited(CSL) supplied materials for outfitting works in ships under construction in CSL**

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 – Sheet metal fabrication using CSL supplied materials for outfitting works in ships under construction in CSL**

अनुलग्नक / ANNEXURE - C

Company Profile	
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	Production in Tonne for the years given below
	a) FY 2018-19 :
	b) FY 2019-20 :
	c) FY 2020-21 :
	d) FY 2021-22 :
	e) FY 2022-23 :
13	Major projects executed in last 05 years with the Sheet metal fabrication works :



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14	Give particulars of registration with Govt. / Semi Govt. / Public Sector Undertakings s/ Local Bodies
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



**FORMAT FOR FINANCIAL CAPABILITY**

Sl. No.	Last three Financial Year	Annual Turnover	Profit after Tax (PAT)	Net worth as at the end of the financial year
1	2020-21			
2	2021-22			
3	2022-23			

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



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परिशिष्ट / APPENDIX - I

**LIST OF PLANT AND MACHINERY**

Sl. No	TYPE OF MACHINE FACILITY DESCRIPTION	MAKE AND MODEL	MACHINE SPECIFICATION	No. OF MACHINES	USAGE	YEAR OF PURCHASE	REMARKS

Signature:

Name:

Designation:

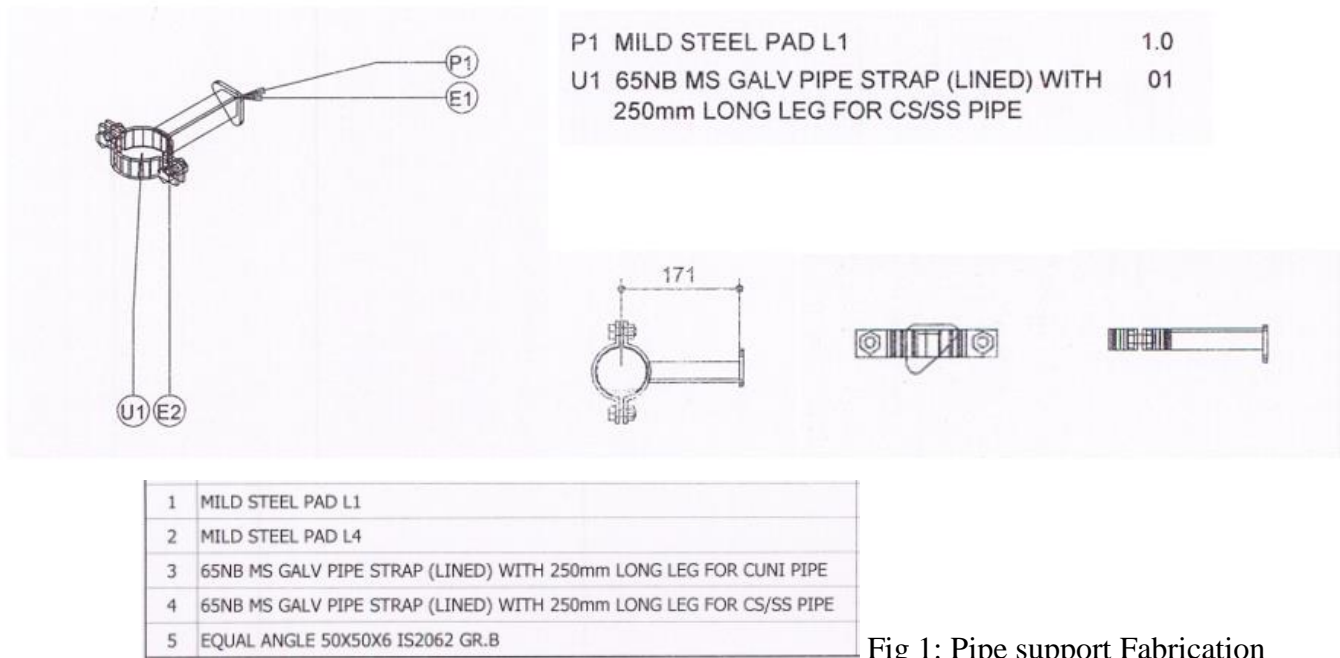
Company:



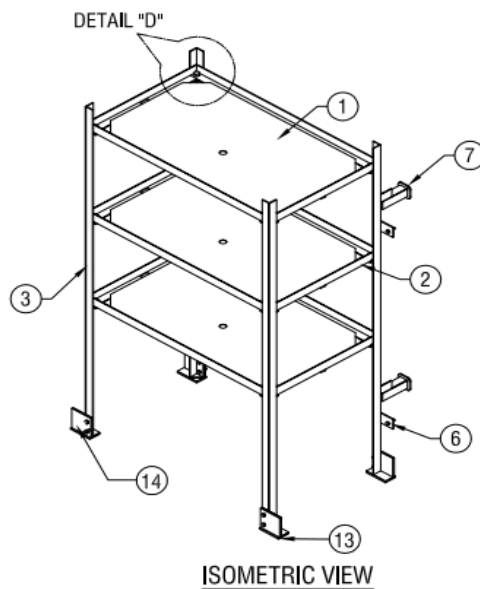
Signature & Seal



**TYPICAL DRAWINGS/ SNAPS OF SHEET METAL ITEMS TO BE FABRICATED- FOR REFERENCE**



**Fig 1: Pipe support Fabrication drawing**



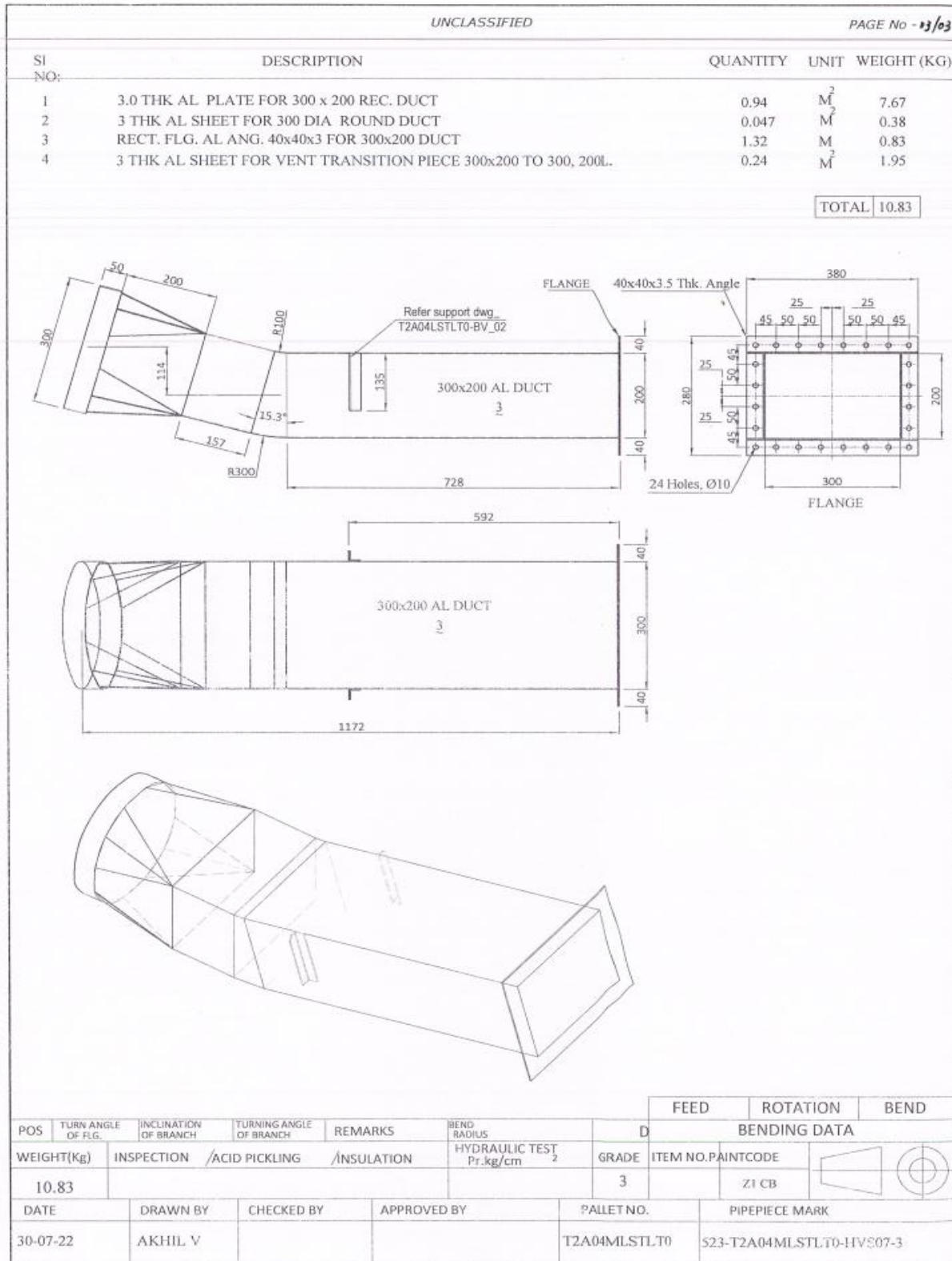
**MATERIAL LIST**

POS. No.	Description	Size & Material	Quantity	Unit	Weight (kg)
1	CHEQUERED PLATE	2.3mm Thk, Aluminium Chequered Plate	1.54	m2	9.530
2	FRAME	40x40x4mm Aluminium Anglebar 6082-T5	12.49	m	10.120
3	STANCHION	40x40x4mm Aluminium Anglebar 6082-T5	6.8	m	5.51
4	LEG SUPPORT	40x40x4mm Aluminium Anglebar 6082-T5	0.24	m	0.190
5	LEG SUPPORT	40x40x4mm MS Anglebar IS2062 Gr.A	0.55	m	1.320
6	LEG SUPPORT	6mm Thk, Aluminium Plate	0.011	m2	0.170
7	PAD L2	MS PAD L2	2	Nos.	0.300
8	LUG PLATE	6mm Thk, Aluminium Plate	0.028	m2	0.450
9	PAD	4mm Thk, Aluminium Plate	0.004	m2	0.040
10	LINER	3mm Thk, Ordinary Rubber (50 x 40)	4	Nos.	0.040
11	BOLT & NUT	M8x35 Full threaded PTFE coated MS Bolt with Nut	14	Nos.	0.840
12	BOLT & NUT	M12x30 Full threaded Aluminium Alloy Bolt with Nut	12	Nos.	0.370
13	LEG SUPPORT	6mm Thk, ABA Grade Steel Plate (106x55)	0.023	m	1.100
14	LEG SUPPORT	6mm Thk, ABA Grade Steel Plate(106x100)	0.042	m	2.000

**Fig 2. Fabrication drawings of racks**



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**Fig 3. Fabrication drawing for machinery vent duct for STP room**



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**Fig 4. Fabrications done at Sheet Metal Shop**  
(Coaming, pipe supports, cableway supports, equipment seats etc.)



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**PHOTOGRAPH OF WORK IN PROGRESS /JOB DONE AT COCHIN SHIPYARD LIMITED FOR REFERENCE**



Fig. 1 CNC plate cutting



Fig. 2 Hydraulic bending



Fig. 3 Shear cutting



Fig. 4 Plate rolling



Fig. 5 Machining



Fig. 6 Fitment of pieces



Fig. 7 Welding



Fig. 8 Grinding



Fig. 9 Galvanized items



Fig. 10 Items Painting



Fig. 11 Painted items



Fig. 12 Palletized items

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