

**कोचीन शिपयार्ड लिमिटेड**  
(भारत सरकार की श्रेणी-1 मिनिरात्रा कंपनी, पोत परिवहन मंत्रालय)



**COCHIN SHIPYARD LIMITED**  
(A Government of India Category-1 Miniratna Company, Ministry of Shipping)

Date: 25.03.2025

**CORRIGENDUM NO: 01**

Ref: CSL/ISRF/ARC/01/2025

Sub: Revised tender Due date.

**TENDER FOR "ANNUAL RATE CONTRACT FOR OUTSOURCING OF LATHE OPERATION AT CSL ISRF, W/ISLAND, KOCHI"**

The Amendments are given below,

1. Last date & time of submission of tender is extended up to 27.03.2025 at 12:30 hrs
2. The date of opening of tender will be at 13:00 hrs on 27.03.2025.
3. All other terms and conditions shall remain unaltered.

Note: bidders are requested to sign and stamp corrigendum- 01 along with the submission of the tender document.

For Cochin Shipyard Limited,

Authorized Signatory (CSL- ISRF)



पंजीकृत कार्यालय : प्रशासनिक भवन, पी.ओ.बैग सं 1653, परुमानूर पी. ओ., कोच्ची - 682 015  
Registered Office : Administrative Building, P.O. Bag No. 1653, Perumanoor P.O, Kochi - 682 015  
फोन / Phone : +91(484) 2361181 / 2501200 फाक्स / Fax : +91 (484) 2370897 / 2383902  
वेबसाइट / Website : www.cochinshipyard.com, सीआईएन / CIN: L63032KL1972G0I002414

**TENDER FOR ANNUAL RATE CONTRACT FOR OUTSOURCING OF LATHE  
OPERATION AT CSL ISRF, W/ISLAND, KOCHI**

**1. INTRODUCTION**

CSL requires the services of skilled machinists to perform machining operations on the lathe machines available at ISRF machine shop. The tender document outlines the requirements and procedures for submitting a bid for this work.

**2. SCOPE OF WORK**

The selected firm supplying machinist will be responsible for;

- a) Operating lathe machines to perform machining operations as per the job specification and the required accuracy.
- b) Carrying out machining tasks in two categories;
  - i. **Category A:** - Basic machining: - Simple turning, facing, drilling grooving, threading etc.
  - ii. **Category B:** - Advanced Machining: - Advanced Turning, boring and other complex works.
- c) Any duties required to accomplish for supporting machining works like setting up the jobs, preparing jigs & fixtures etc. will be considered as actual machining time.
- d) All materials required for machining jobs, including the raw materials, tools and material for making jigs & fixtures will be provided by CSL.
- e) Ensuring that all completed works meet the CSL quality standards and must pass CSL- QC inspection at every stage of machining.
- f) Actual working time for payment shall be based on the span of machining of those work pieces which are accepted by the CSL- QC section.
- g) Machinists are required to check & verify the operational status and accuracy of the lathe machinery prior to the commencement of each work.
- h) Firm need to carry out the work as per the timeline stipulated by CSL.
- i) Helper requirement works shall be arranged by the firm himself and the quote shall be inclusive of the rates for machinist & helper.

### **3. ELIGIBILITY CRITERIA**

- a) The bidder must have qualified and skilled machinists with him with proven expertise in operating lathe machines and complex jobs. List of machinists to be enclosed.
- b) The bidder shall deploy machinists capable of performing both basic as well as advanced machining operations as per ship repair standards.
- c) Eligibility: - Machinist shall have minimum experience of 3 years. Bio data to be enclosed.

### **4. TERMS & CONDITIONS**

- a) Rates: Bidders are required to quote their rates per man-day of 8 hours for each category of work (Basic & Advanced machining) as per the attached price bid format.
- b) Validity: Quoted rates must be firm during the period of contract from the date of award of work for next one year.
- c) Work Schedule: CSL will give one day notice prior to the firm about machinery job requirement and the firm shall arrange the machinists without fail to attend the work.
- d) If the work is extended beyond 8 hours, payment will be made on pro rata basis.
- e) Firm shall ensure that the CSL machinery is handled carefully.
- f) CSL will have discretion to demand the firm to replace the machinist if the machinist is found not carrying out the works as per CSL quality standards, safety & workmanship.
- g) All statutory compliances like ESI, EPF, labour laws, service taxes etc. shall be the responsibility of the firm.
- h) The firm shall arrange to continue the same machinist preferably. However if machinist need to be replaced, his competency shall be proved by undergoing a trade test conducted by CSL.
- i) Bill shall be submitted along with the copies of job sheets on monthly basis for processing the payment.
- j) If required, CSL may request for providing enough number of operators for operating a maximum of 3 machines at a time.
- k) Contract can be short closed/ terminated by one month notice by either parties.
- l) Submit a sealed copy of the quotation signed by an authorized signatory, along with the company seal. Techno - Commercial offers can also be made by e-mail: - akshay.babu@cochinshipyard.in, with price bid duly locked with password. Tenders should be addressed to "The Asst. General Manager (ISRF-Admin & SRM), CSL – ISRF, Willingdon Island, Cochin - 682 003, Kerala.

## 5. PRICE BID FORMAT

SL NO	Work Category (As per clause 2.b)	Rate per Lathe for 8 hrs machining work (For one machinist and helpers combination)
1	A	
2	B	

## 6. EVALUATION CRITERIA

The bids will be evaluated based on the following criteria:

- a) **Quoted rates- criteria; L1 shall be decided by 70% of A + 30% of B**
- b) **Eligibility:- Minimum 3 years of machinist experience**
- c) **Pass in practical test conducted by CSL.**

## 7. AWARD OF CONTRACT

The contract will be awarded to the L1 bidder who submit the most competitive and responsive bid, meeting all the requirements outlined in this tender document.

## 8. IMPORTANT DATES

Date of issue: 20.03.2025

Last date of submission: 24.03.2025; 12:30 Hrs

Date of opening: 24.03.2025; 13:00 Hrs

## 9. CONTACT INFORMATION

For any queries or clarification, please contact:

- Shijo Thomas, Senior Manager  
+91 7356604590
- Anish Panikulam Jose, Assistant General manager  
+91 9895704438
- Akshay Babu, Project Officer  
+91 9497752403

## ANNEXURE-I

### GENERAL TERMS AND CONDITIONS

1. Tenderers are to carefully go through the terms and conditions and the techno commercial specification of the items for which offers are called for. Deviations, if any, shall be separately listed and specifically brought out in the offer. CSL reserves the right to accept / reject the deviations.
2. Offers are to be furnished in duplicate and should be free from overwriting. Corrections and additions, if any, must be attested. Incomplete/ ambiguous offers are likely to be rejected. No overwriting /corrections. If so to be attested.
3. In case of bids sent through email, then the documents should be password protected and the passwords should be passed on to the concerned officer while attending the bid opening or by email / SMS immediately before the tender opening against the request from officer.
4. Indigenous tenderers should quote prices for delivery of materials at CSL stores and in the case of foreign bidders the same shall be on Ex Works / FOB basis only. C&F prices shall also be indicated in the offer. Insurance in all cases shall be arranged by CSL, unless it is specifically mentioned.
5. Prices should be valid for acceptance for a period of four months (04 months) from the date of opening of tender.
6. No enhancement of rate for whatever cause will be allowed once the offer is accepted and an order is placed. Withdrawal of the quotation after it is accepted or failure to make the supply within the stipulated delivery period will entail cancellation of the order and forfeiture of Earnest Money Deposit/Security deposit, if any and/or risk purchase clause.
7. Taxes, duties and other charges, if any, payable extra are to be indicated in the price part for single bid and in techno-commercial part for two bid.
8. Delivery term and delivery time / work completion time required for completing the job scope should be indicated in the offer.
9. CSL terms of payment is 100% within 45 days from the date of receipt & acceptance of items at CSL and in case of service after satisfactory completion of job, within 45 days from the date of submission of Invoice along with all mandatory documents.
10. Any clarifications, technical or commercial shall be sought at least 24 hours prior to bid submission date. CSL reserve the right entertain / pass such clarifications that are sought late. Also, request for extension of bid submission date if required shall be informed in advance but not later than 24 hours prior to bid submission. CSL reserve the right to accept / reject such extension requests based on the urgency of item tendered and the number of bids received so far.
11. Upon submission of offer, it is presumed that the work has been completely understood by the bidder and quoted accordingly. Bidders cannot claim ignorance of any aspect of work after submission of the offer. In case of site visit required, the same shall be informed in advance so as to arrange the same.
12. The firm/ bidder winning the contract shall sign an agreement with Cochin Shipyard Ltd for “Fall clause”. Accordingly, during the contract period, the firm / bidder cannot offer the item/s to anyone else at rates lower than the rates quoted, or the same lowest rate shall be applicable to the contract with CSL.
13. Vendor should follow all statutory requirements of the products offered.

14. Manufacturer's name, their trademark and brand, if any, should invariably be mentioned and illustrative leaflets giving technical particulars etc., should be attached to the offer.

15. Materials supplied shall be new and unused and shall confirm to CSL specifications and drawings.

16. Products supplied shall be nontoxic and harmless to health. In the case of toxic materials, Material Safety Data Sheet may be furnished along with the material.

17. Samples are to be supplied free of cost in the event of requirement by CSL. The detailed working drawing, if called for, is also to be furnished for approval before commencement of manufacture.

18. The quantities in each item to be purchased may vary according to actual requirement at the time of placing orders.

19. Force Majeure condition: Should failure in performance of the contract or part thereof arise from war insurrection, restraint imposed by Government, Act of Legislature or other Statutory Authority or illegal strike, riot, legal lock-out, flood, fire, explosion, act of God or any inevitable or unforeseen event beyond human control which may be construed as reasonable ground for an extension of time, CSL may allow such additional time as is mutually agreed, to be justified by the circumstances of the case. The occurrence/cessation of force majeure situation is to be informed with documentary evidence within 15 days from the date of occurrence/cessation.

20. LD Clause: In case of delay in supply of ordered materials / delay in completion of work beyond the stipulated delivery / completion period which is not attributable to CSL, vendor is to pay liquidated damages (and not by way of penalty) a sum equivalent to ½%(half percent) per week or part of the week of the order value (basic price) in the case of machinery/equipment and of the value of materials / services delayed in the case of all other items/services subject to a maximum of 10% of the order value (basic price). For service orders, completion date as confirmed by the executing officer shall be reckoned for LD calculation.

21. Guarantee: The equipment/item supplied shall be guaranteed for satisfactory performance for 12 months from the date of arrival at CSL against faulty design, defective materials and bad workmanship. Supplier should supply and install free of cost immediately any part found to be defective for the above reasons within the guarantee period. The Services shall be guaranteed for a minimum period of 06 months from the date of successful commissioning/final acceptance.

22. Suppliers are generally allowed to depute their authorized representative to be present at the time of opening of the price bid. However, this will be subject to the discretion/SOP of CSL, in view of the restrictions imposed by Govt./local body/CSL due to Covid-19 outbreak. At present, in view of COVID-19 pandemic, Vendors are not allowed inside CSL to attend opening of the price bid.

23. Cochin shipyard Ltd prefers to deal directly with the supplier. However, if the supplier appoints an Indian agent to deal with Cochin shipyard Ltd., the agency commission payable by the supplier to such an agency shall be intimated. If manufacturers affect the supply through agents only, authorization in writing from manufacturers in favour of the agent for supply to CSL shall be furnished. In case where an agent participates a tender on behalf of a foreign manufacturer Indian agent should submit specific authorization from the authorized person of foreign manufacturer. In a tender, either the Indian agent on behalf of the principal/OEM or principal/ OEM itself can bid but both cannot bid simultaneously for the same item/ product in the same tender. If an agent submits bid on behalf of principal/ OEM, the same agent shall not submit a bid on behalf of another principal/ OEM in the same tender for the same item/product. Indian agents cannot represent more than one firm or quote on their behalf for any particular tender. Clarifications, either technical or commercial, should be submitted to points specially asked for only. The opportunity so given should not be used for correcting/changing/amending the data/conditions already submitted with the tender.

24. Jurisdiction: All questions, disputes or difference arising under, out of, or in connection with contracts shall be subject to the exclusive jurisdiction of the Courts at Ernakulam, Kerala, India.

25. Conditional discounts, if any, will not be reckoned for tender evaluation/ comparison purposes. However, the same will be considered while placement of purchase order if the firm turns out to be lowest bidder.

26. After submission of tender, no unsolicited correspondence will be entertained.

27. Cochin Shipyard Limited does not bind itself to accept the lowest or any tender but reserves to itself the right to reject any or all or a part of any tender at its discretion.

28. Deviations, if any, in the offer submitted from that of the tender enquiry in any form, should be clearly furnished in a separate document titled as “List of Deviations”, failing which it will be presumed that all the terms and conditions are acceptable.

29. Public Procurement Policy initiatives of Govt. of India, pertaining to MSME’s, start-up etc. as per CSL website ([www.cochinshipyard.in](http://www.cochinshipyard.in)) shall be applicable for this tender.

30. Vendor is solely responsible for the safety of its personnel inside CSL. Service provider will be responsible for the safety of personnel engaged and shall adopt all safety measures to comply with safety regulations in force in CSL. Service representative working on-board should maintain proper dress code as per CSL standards. They shall submit electronic challan remittance copy of ESI&EPF details of their employees and employee compensation policy details for employees not falling under ESI limit during the submission of invoice, documents supporting for facilitating gate access. They are bound to follow safety guidelines applicable in CSL like safe usage of tools & tackles, electrical safety guidelines, gas management system etc. Scrap management system & disposal of hazardous chemicals used to dispose by contractor itself on his own responsibility. Work place hygiene to be ensured by contractor itself.

31. Asbestos should not be part of any material / packing material supplied to CSL.

32. Shall abide by CSL rules for entry and exit of man and materials. Vendor and personnel will comply with: (1) all procedures and policies provided by CSL, including CSL's, environmental, health, safety, and security procedures, and related management systems when performing services at CSL facilities.

33. Service provider will have to abide by the various laws & regulations such as Contract Labour Regulation (Abolition) Act, ESI Act 1948 and EPF Act 1952 etc. as applicable. In case your employees are already covered under EPF/ESI scheme, their respective account numbers are to be furnished along with copy of challan as proof for remittance of ESI & EPF. If any employee is exempted from ESI, valid proof for the same also shall be submitted before commencement of work. Labor deputed for the work shall not have crossed over 60 years. Submission of above documents is statutory for issue of entry passes for working inside CSL. This is also required for releasing the payment since CSL site is permanently covered under above noted regulations. The certificate of compliance from Contractor as per attached format shall also be filled and submitted along with submission of bills for payment. Bills without duly certified “certificate of compliance from Contractor” shall not be passed for payment. (Form for Compliance of Provisions of various labour Enactments attached as Enclosure - 4). For determining EPF/ESI liability, the attached format to be duly filled and submitted to our welfare department before commencement of work & before 5th of every month. In case your employees are already covered under EPF/ESI scheme, their respective account numbers are to be furnished along with copy of challan as proof for remittance of ESI & EPF.

34. Vendor will package products according to instructions of CSL provided in the purchase order, and if nothing is provided, then according to good commercial practice to ensure safe arrival of the products. Avoid plastic materials for packing to the extent possible. Packing material shall be eco-friendly. Vendor should follow the statutory requirements of the products offered. In case of chemicals and toxic materials being supplied, vendor should furnish material safety data sheet (MSDS) compulsorily along with the material.

35. Acknowledge the receipt and acceptance of purchase order/Work order by signing and returning a copy of the same within three days of receipt of the same. If the acknowledgement is not received, it will be presumed as accepted.
36. Sub contracting to other vendors shall be only after written intimation and approval of competent CSL authorities. Vendor shall not delegate or subcontract any of its obligations under the agreement without CSL's written consent. Vendor will remain liable for all subcontracted obligations and all acts or omissions of its subcontractors.
37. The procedures of work, standard operating procedures of work including documents like welding procedure specifications developed by CSL are intellectual property of CSL. Vendors shall not use or copy the procedure in any format without the written consent of competent authorities of CSL.
38. Vendors shall take back rejected products, if any, and immediately supply new product/ rectified product at vendor's expense, including all freight costs.
39. For product that is discovered defective during the warranty period, vendor will, at vendor's expense replace or repair defective product and re-deliver such repaired or replaced product to CSL within a commercially reasonable timeframe agreed by CSL.
40. Except as specifically stated in the purchase order, vendor will be responsible for all costs incurred in connection with providing the services, including personnel's expenses.
41. CSL is not obligated to pay any invoice submitted 180 days or more after a product is shipped or services are completed.
42. Vendor shall return the CSL resources to CSL immediately after provision of all deliverables and services or any termination of the agreement.
43. Vendor warrants that the products and services will comply with their specifications and will be of good quality acceptable to CSL/ship and must be fit for any purpose made known to vendor.
44. Vendor warrants that the products will be new, unused, and not refurbished at the time of delivery, and will be safe for normal use and free from defects in design, materials, and workmanship during the warranty period.
45. Vendor warrants that for software provided by vendor, (1) there is no open source software in the products (or any other items provided by vendor), unless vendor has notified CSL in writing before delivery and CSL has consented in writing to accepting this open source software, and (2) the software will not damage, interfere with, or permit unauthorized access to any other existing products or systems on which it is installed or any information residing on those products or systems.
46. Vendor and personnel will (1) keep confidential the terms of the agreement and all non-public and proprietary CSL information, and will only use such information to provide products and services under the agreement, and will not disclose such information except to the extent required by law after giving reasonable notice to CSL, if permitted by law; and (2) not use in providing products or services or disclose to CSL any materials or documents of another party considered confidential or proprietary unless it has obtained written authorization from that party and CSL.
47. Vendor will indemnify CSL and its affiliates, directors, officers, and employees against all liabilities, damages, losses, costs, fees (including legal fees), and expenses relating to any allegation or third-party legal proceeding (including action by a government authority) to the extent arising from an allegation that use, possession, or sale of the products or services violates or infringes a third party's rights, including intellectual property rights; or an allegation that any personnel are entitled to employee compensation, benefits, or other rights or transfer law rights, except to the extent caused by CSL's unlawful acts or omissions.



48. List of deviations from the general terms and conditions shall be submitted and the same shall be mutually acceptable. In the event of no deviation list submitted by the vendor, it is presumed that all conditions are accepted by the vendor.

49. All certificates called for in order specification must be sent to CSL at the time of delivery of items all the material supplied must satisfy CSL quality requirements.

50. Invoice submission:

I. All invoices must be sent to CSL on delivery of items /work completion as per the order terms.

II. Purchase order number and date and dispatch particulars should be clearly mentioned in the invoice.

III. Wherever payments are authorized through bank, copy of the invoice should be forwarded directly to CSL under intimation so as to facilitate release of document in time. All bank charges will be to vendor's account.

IV. When the payment is in instalments, separate invoice is required for each payment.

V. 100% payment will be made against your invoice on satisfactory completion of the work.

VI. The documents for releasing payment - original invoice with service report duly signed by vessel owner and CSL officer-in-charge along with documentary proof of expenses after satisfactory completion of work.

As a digital initiative to increase the transparency and to streamline vendor payment cycle, an online invoice submission portal has been setup for CSL vendors. The soft copy of invoices and supporting documents for material supply to be uploaded in the portal. Also, payment tracking can be effectively done by vendors logging in to the portal. Hence, supplier shall upload the invoice and supporting documents in CSL website portal after delivery of the material at the earliest. Payment will not be processed, if the invoice is not uploaded to the portal.

51. "In case imported items are part of the items required for the job Customs duty exemption can be availed by CSL if order for these imported items is placed on high sea sales basis by CSL or direct import order on bidder's principals for import items by CSL. In case of import orders/ high sea sales, the offer has to be on CFR Cochin Airport basis. The customs clearance, DO charges payment and IGST payment against bill of entry shall be done by CSL. In case of direct import orders by CSL, copy of Airway bill, foreign currency invoice and packing list would be required. In case of High Sea Sale, HSS agreement and INR invoice in addition to copy of Airway bill, foreign currency invoice and packing list shall also be required. The copy of all documents to be forwarded to CSL by email at least two days prior to arrival of the consignment at Airport for CSL to arrange the Customs exemption documents and file Bill of entry prior/ latest on date of arrival of the consignment itself. In case of any delay in receipt of documents, the bill of entry late filing fine shall be adjusted from the vendor's payment."

Tender conditions for Restriction of bidders sharing land border with India is attached below and certificate as required in the below conditions to be submitted along with tender documents.

ASST. GENERAL MANAGER (ISRF - ADMIN & SRM)

## HEALTH, SAFETY & ENVIRONMENT CONTRACT GUIDELINES FOR EXTERNAL VENDORS

### INTRODUCTION

CSL is the largest public sector shipyard in India in terms of dock capacity, and caters to clients engaged in the defence sector in India and clients engaged in the commercial sector worldwide. CSL is committed to provide safe and healthy working environment for the prevention of work- related injury and ill health by following the best practices in safety. CSL is certified Occupational Health and Safety Management System and Environmental Management system under ISO standards/international standard. Some of the manufacturing activities are carried out by external vendors outside the CSL Campus to meet our business requirements. This guide is prepared to facilitate a safe work environment during the execution of such jobs by the vendors happening outside the CSL campus.

CSL shall exercise the controls to ensure the basic requirements of HSE Management System are met by the external vendors at their work sites. This guide is prepared to facilitate safe work environment during execution of such contract works. The General HSE guide lines are given below for compliance at their work site.

The External vendors shall ensure the following at their work place:-

1. Safety procedures to be followed in their process to be prepared and are vetted by CSL. The safety procedures are to be communicated to all concerned workmen.
2. List of PPEs for the various activities are defined and PPEs are being used by employees.
3. Competence levels of the workmen to be assigned for the various categories of work are defined and only competent / trained employees are employed. Key list of personnel to be available at the shop floor to monitor the same.
4. First Aid Boxes with adequate medicines are available and at least one first aid trained person is available in the unit during all working hours.
5. Adequate fire fighting equipment's are available and are periodically tested. Employees are trained to use the fire fighting equipment's.
6. Adequate ventilation and lighting is provided in the unit.
7. Housekeeping and waste disposal are given due attention always.
8. Walkways are always clear at all times.
9. Safety audit along with CSL safety officer is carried out once in 12 months as per the audit plan and corrective/preventive actions are completed at the earliest.
10. All statutory regulations are complied with (Factories Act, IE Rules, and Pollution Control etc.) and records are to be made available.
11. Ensure all lifting equipment's /pressure vessels are tested every year by external party and all hand tools by internal party
12. External vendors certified OHSAS 18001 / ISO 45001 are required to submit their valid certification to CSL and the above requirements are not applicable.

# **HEALTH, SAFETY & ENVIRONMENT CONTRACT GUIDELINES FOR OEMS /TURNKEY JOBS / SUB CONTRACT WORKS INSIDE CSL**

## **INTRODUCTION**

CSL is the largest public sector shipyard in India in terms of dock capacity, and caters to clients engaged in the defence sector in India and clients engaged in the commercial sector worldwide. CSL is committed to provide safe and healthy work environment for the prevention of work related injury and ill health by following the best practices in safety. CSL is certified Occupational Health and Safety Management System and Environmental Management system under ISO standards/international standard. Many of the works of CSL at various sites are executed by the sub-contractors. During these works, sub-contractors personnel are likely to be exposed to different types of hazards. Similarly, unsafe acts of contractors' personnel may create hazards for CSL staff or workmen of other contractors working at the site. Such unsafe acts may also pose danger to the existing installations and even to members of public. CSL ensures that the requirements of its HSE Management System are conveyed by contractors and their workers. This guide is prepared to facilitate safe working during execution of contract works. The General guide lines and HSE requirements are given below for compliance in CSL.

## **I. GENERAL GUIDELINES**

1. OEMs/Turnkey jobs /Contractors are selected to work inside the CSL based on their track record.
2. Along with the contract order/Registration, a copy of the HSE Safety Handbook (CSL/ QMS/ S&F/ SOP 02) of CSL is given to all contractors. The details of all HSE requirements to be followed in CSL for the various types of work are detailed in the hand book. The OEMs/Turnkey jobs /Contractors shall go through all the details and strictly follow the relevant HSE guidelines for their work. In case of any doubt the same shall be clarified from Chief Safety Officer (CSO). Being ignorant of these HSE requirements will not be treated as an excuse for any HSE violations during course of work.
3. OEMs/Turnkey jobs /Contractors workmen are given a multilingual HSE induction and Emergency Response training. The individual passes for contractors and their workers are issued only after successful completion of this training. The passes are revalidated every year after successful completion of refresher training. Training requirements of other roles of the subcontractor's staff shall be complied as per the CSL requirements time to time.
4. Before start of any work, the CSL officer in charge explains the scope of work and the safety precautions, hazards, PPE usage as per PPE matrix of CSL, Work Instructions, SOPs, Emergency responses to the contractor and his workers. Only trained worker with necessary skills are allowed to work as per the requirement. Necessary PPEs for the work are to be arranged by the contractor.
5. Workmen shall have Cotton coverall with identifiable logo on the dress. Supervisors, fire watch man if required, safety staff and other workforce shall be deployed as per CSL guide lines.
6. The site work supervisor of the OEMs/Turnkey jobs /Contractors shall be ensured that works are being carried out by CSL HSE requirements on daily basis and till the completion of works. The safe start and safe end requirements shall be verified by the site work supervisor on daily basis.
7. OEMs/Turnkey jobs /Contractors HSE performance will be evaluated on HSE matter as per the CSL policies time to time.
8. During the course of work if any HSE violation is noticed the same is dealt as per the Rewards and Reprimand (R&R) Policy of CSL.

## II. HSE REQUIREMENTS

1. The OEMs/Turnkey jobs /Contractors shall take all safety precautions during the execution of awarded work and shall maintain and leave the site safe at all times. At the end of each working day and at all times when the work is temporarily suspended, he shall ensure that all materials, equipment and facilities will not cause damage to existing property, personal injury or interfere with the other works of the project or Station.
2. The OEMs/Turnkey jobs /Contractors shall provide and maintain all type of lights, guards, fencing, warning signs, caution boards and other safety measures for vigilance as and where necessary or as required by the CSL officer-in-charge or Safety staff. The caution boards shall also have appropriate symbols.
3. Where Permit to work (PTW) is required, the work has not started without obtaining the necessary permit and the PTW requirements are followed strictly throughout the work.
4. For Project specific or non-routine work on the existing installations, separate Job Safety Assessment (JSA) is to be prepared by the contractor, cleared by the Dept. in charge and approval obtained from CSO before start of work.
5. A separate HSE plan will be required for the new projects in the yard or any turnkey projects. It shall be in line with CSL HSE requirements and same shall be routed through respective S&F dept. and approved by respective HOD.
6. OEMs/Turnkey jobs /Contractors shall hold toolbox talks with his workers on daily basis to convey matters regarding the Safety aspects of the work.
7. The OEMs/Turnkey jobs /Contractors shall plan his operations so as to avoid interference with other Departmental works and other Sub-Contractors at the site. In case of any interference, requires, coordination shall be sought by the contractor from the Department for safe and smooth execution of work. This shall be done through CSL executing officer.
8. The OEMs/Turnkey jobs /Contractors shall at all times keep their work spot, site office and surroundings clean and tidy from rubbish, scrap, surplus materials and unwanted tools and equipment. Welding cables, hoses and electrical cables shall be so routed as to allow safe way to all concerned.
9. All waste generated in course of the work shall be segregated as per the yard requirements and shall be disposed at the respective collection pallets / points of the work areas as the case may be. Any kind of pollution made by the subcontractor shall attract the reprimand proceedings.
10. All necessary precautions shall be taken to prevent outbreak of fires at the work site. Adequate provisions shall be made to prevent the possibility of fires and ensure the availability of fire extinguishers at site.
11. The OEMs/Turnkey jobs /Contractors shall be held responsible for non-compliance of any of the safety measures and delays, implications, injuries, fatalities and compensation arising out of such situations of incidents including statutory obligations.