

22. During the evaluation of tender, officer-in-charge may seek clarifications from the bidders. Clarification if any shall be given in writing/e-mail. Officer-in-charge's decision will be final and binding on the bidder.
23. Any attempt on the part of the bidders or their agents to influence the officers, supervisors, employees of CSL in their favour by means of canvassing or any other means will entail disqualification / rejection of the bidder & bid.
24. Acceptance of a bid will rest with the competent authority, who does not bound himself to accept the lowest tender and reserves the right to reject any or all of the tenders received, without assigning any reason for the same.
25. CSL has the right to award work, part or in full to a single party or multiple parties as deemed fit. Also CSL shall have the right to issue work order & supply order separately.
26. Bringing in new conditions after the tender opening will not be allowed. Under no circumstances, will an enhancement of quoted rate 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/execution within the stipulated delivery/completion period will entail cancellation of the order and forfeiture of EMD/Security Deposit, if any/ and or risk purchase.
27. EMD furnished by all the contractors except the lowest bidder, shall be released after concluding the contract and its acceptance by the contractor, to whom the work is awarded. EMD of the successful bidder shall be refunded after remittance of the security deposit and execution of the agreement or after the completion of the work.
28. If the contractor fails to supply or commence the work, in time as per the tender terms/work order, CSL shall have the following rights.
 - a) To terminate the contract within 15 days of notice forfeiting the EMD and security deposit.
 - b) To initiate alternative arrangements at the risk and cost of the contractors.
29. Cochin Shipyard Ltd. shall without prejudice to any right or remedy is at full liberty to forfeit the said EMD absolutely if the tenderer withdraws his tender before the validity period or makes any modifications in the terms and conditions of the tender which are not acceptable to CSL. After the issue of work order by CSL, failing /refusing to execute the agreement/ start the work, the tenderer shall be deemed to have abandoned the contract and such an act shall amount to and be construed as the contractors calculated and the willful breach of the contract, CSL shall have full right to take suitable action against the firm together with forfeiture of Earnest Money Deposit.
30. Unless and until formal agreement is prepared and executed, this tender together with your written acceptance thereof shall constitute a binding contract between the bidder and CSL.
31. Security deposit will be released only after attending all the defects pointed out to the contractor during the defect liability period. Any work which is not attended/replaced during the defect liability period within a reasonable time given by Officer-in-charge, the work will be carried out at the risk and cost of the contractor by CSL.
32. The normal working time of the CSL is from 8.15 A.M. to 5.00 P.M on all weekdays and Saturdays with half an hour interval from 12.15 noon to 12.45 P.M. All Sundays, second Saturday and fourth Saturday are holidays in addition to CSL declared holidays. The site will be available for work during office hours only. However if the Contractor wishes to carry out the work beyond normal working hours or on holidays, he should get specific approval from the Officer-in-Charge for ensuring safety, quality and to have effective

supervision from Department. For any specialized jobs the timings will be intimated by the officer in charge in special terms and conditions.

33. The contractor is expected to acquaint himself with the site conditions, labour situation, wage and benefits applicable to labourers, working hours, out turn of work by labour and the fluctuations which are likely to happen till the work is completed on all the above aspects prior to quoting the rates.
34. The work shall be inspected by the Officer -in-charge, his authorised representative or any other third party deputed by the Officer -in-charge. Officer-in-charge will have full liberty to impose penalties for the violation of any of the agreement clauses.
35. **General conditions on work part:**
 - a. Cochin Shipyard Limited reserves the right to make minor alterations, additions or substitutions to the existing specifications/scope of work, if found necessary during the progress of work and the contractor is bound to carry out the work without any additional cost, as per such altered specifications.
 - b. The contractor /authorized representative shall report at the office of the officer-in-charge on all working days before 08.30 hours and receive instruction regarding the works. The contractor should maintain all work instruction register; attendance registers etc. and should follow instructions given by the officer in charge.
 - c. Time is the essence of contract. The Contractor may have to work round the clock including holidays, if required for completing the work in time without any extra cost. However works executed beyond office hours & holiday must be informed to the officer -in-charge well in advance and obtain his clearance and other necessary work permits.
 - d. The completion of work may entail working in monsoon period/ rainy season also. The contractor shall take such events into consideration while quoting for the work. The contractor must maintain sufficient labour force for the timely completion of work as per the prescribed schedule. No extra rate will be admissible for work in monsoon/rainy season. During monsoon and other period, it shall be the responsibility of the contractor to keep the work site free from water at his own cost.
 - e. All labour, skilled or unskilled shall be provided by the contractor. Settling any dispute with the labour, subcontractor, labour union shall be the sole responsibility of the contractor. Workers engaged for works should have sufficient knowledge and experience in the respective fields.
 - f. The contractor should take insurance for the men and materials till the handing over of the entire system to CSL. The contractor is bound to meet the expenses or defense of any action of legal proceedings that may be brought by any person for injury sustained owing to neglect of safety precaution and to pay damages and costs which may be awarded in consequence as per rules in force. It is the responsibility of the contractor to ensure that workmen engaged in the work should wear safety appliances like helmet, safety shoes, safety belts etc. and should strictly comply with CSL Safety Rules and Regulations in vogue. For obtaining entry permission of workmen into the company premises, the contractor has to furnish the identity proof of those persons to be engaged [Passport/Electron Identity card etc] .If required, police clearance certificate shall also be submitted. They should carry / display the pass issued by CSL authorities during the entire span while in CSL. The contractor has to abide by all relevant Labour Regulations and enactments as applicable to the contractor and his/their workmen and as amended from time to time without causing or claiming any responsibility or liability thereof to the company.
 - g. The workmen are strictly banned from use of any kind of Narcotics drugs / Alcohol /smoking etc inside CSL and any illegal activity by the work men should be reported to the officer-in- charge without delay and the contractor shall remove such persons from CSL premises.

- h. The contractor should furnish their registration code, ESI/PF code numbers issued by competent authorities if any. The supporting documents for the same may have to be submitted to CSL in the event of requirement. CSL reserves the right for the deduction of ESI/PF from the bill or invoice, if required.
- i. The contractor shall be responsible for the true and proper setting out of the works and for the correctness of the position, levels, dimensions, and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith. If at any time during the progress of the work any error shall appear or arise in the position, level, dimension or alignment of any part of the work, the contractor on being required to do so by the Officer in charge, shall at contractor's cost rectify such errors to the satisfaction of the Officer in charge. The checking of any setting out or of any line or level by the Officer in charge shall not in any way relieve the contractor of his responsibility for the correctness thereof. The contractor shall provide all necessary instruments, appliances and labour required for the Officer in charge for checking, if any, of the setting out.
- j. The work is to be arranged without affecting normal functions / activities at the shops / buildings / premises and to other agencies engaged in that area where works are to be carried out and shall be arranged with minimum hindrances. The work shall be carried out without damaging any of the existing structures/structures under construction/ underground pipelines or cables etc in the locality. If any damage occurs to the CSL property, by the contractor's operation shall be compensated / made good at contractor's risk and cost to the satisfaction of the officer-in-charge of the works, failing which department will do the rectification work and the cost incurred will be recovered from contractor's bill or from security deposit. If contractor fail to clear the dispose/items, CSL is having the right to cleaning the premises and cost involved for the cleaning will be deducted from the contractor's bill.
- k. If slabs/ chequered plates are to be opened during the work by the contractor, the same has to be closed by the contractor immediately after completion of the particular area of work. Proper caution boards & barrier with fencing tape shall be provided by the contractor at opened RCC trenches/mud excavated trenches before the commencement of work, at their own cost. Suitable staging should be provided by the contractor in areas wherever necessary at their own cost.
- l. The entire work should be carried out to the satisfaction of the officer-in-charge of the work. Decisions of the officer-in-charge will be final and binding to the contractor.
- m. All the materials should be approved by the officer-in-charge before being used. Rejected materials/items should be taken back by the supplier at his own cost.
- n. The workmanship shall be as per industrial standard in every respect both for the equipment supplied and for the installation carried out. The work should confirm to relevant Indian standard specification / Indian Electricity Rules (ISS / IER) / Central Electricity Authority (CEA) regulation 2010 / other relevant rules wherever necessary/ applicable.
- o. Necessary power shut down and permit-to-work has to be obtained from competent authorities whenever required to avoid electrical hazards and related accidents.
- p. Arrangement of all necessary accessories shall be carried out by contractor for successful completion of work even though not specifically mentioned in the tender/ order. All tools, tackles, accessories and other materials brought into Shipyard for the work shall comply with statutory requirements.
- q. Necessary storage space will be provided by CSL as per the prevailing rules subject to the availability of space. If not, contractor has to make necessary arrangements outside CSL premises at his own cost and risk.

- r. Electric power for the work will be given to the contractor from nearest available CSL outlet at free of cost subjected to availability and if not, the contractor has to make own arrangement at their cost. Uninterrupted power supply Electric power supply cannot be ensured from KSEB grid. Contractors shall take note of this situation and if required, contractor has to arrange alternative source at their cost for completing their work on time.
 - s. All statutory requirements are to be followed by the contractor. Packing material used if any should be eco-friendly.
 - t. The contractor has to abide by the Contract Labour Act 1970 and rules there under and Kerala Contract Labour Rules 1974 and the CSL safety rules and regulations. It is the responsibility of the contractor to follow all safety rules and regulations in force, during the period of contract in CSL, and any violation of the same during the course of work will be at the risk and cost of the contractor and will attract penal action.
 - u. Necessary "Work in progress" boards shall be provided by the contractor at locations shown by the Officer-in-charge.
 - v. The contractor shall make arrangements for collection, preparing, forwarding and testing of samples at his cost as directed by the Officer-in-charge. The charges for testing to be borne by the contractor.
 - w. Electrical connections issued to the Agency will be exclusively for their own use and any power sharing with other agencies shall be totally under the risk and cost of the agency to which power supply is allotted.
36. CSL had implemented Integrated Management System (IMS) consisting of Environmental Management System (EMS), Occupational Health & Safety Management System (OHSMS) and Quality Management System (QMS) within the yard. As part of implementation of IMS, contractor shall comply all the IMS guidelines indicated in the Annexure IV.
37. Bidders shall follow the security instructions enclosed in Annexure IV.
38. **Force Majeure Condition:** Should failure in performance of the contract or part there of arise from war insurrection, restraint imposed by Government, Act of Legislature of other statutory Authority or illegal strike (event like local strike/ harthal etc in the yard, state or national), riot legal lock out, flood, fire, explosion, Act of God of any inevitable or unforeseen beyond human capacity which may be constructed 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 or cessation.
- 39 **Tax elements**
- a. The tax rate of the goods and services would be as per the Govt of India published GST rate schedule for goods & services. The rates have been mapped with HSN & SAC in the rate notification issued by the government. The rate schedule should be referred to identify the applicable rate.
 - b. Permanent Account Number (PAN) obtained from Income Tax Department should be mentioned in the invoice for inclusion of PAN in the TDS returns filed by CSL.
 - c. GST id should be mentioned.
 - d. The invoices should be as per the provisions of GST law. The invoices should mandatorily contain the HSN code/SAC and GSTIN number along with other particulars. The GST charged (CGST & SGST or IGST) should be separately indicated in the invoice.
 - e. Tax inclusive invoices will not be accepted.
 - f. All correction/rectification in the invoices should be done through Debit note/ Credit note only.

- 40 A "No claim certificate" from the workers engaged in the prescribed format should also be submitted by the contractor along with the final bill furnished for payment. Payment shall be made by RTGS/NEFT to the account of contractor. The name of the bank, A/C number, IFSC code and other particulars shall be furnished by the contractor in the proforma of CSL.
- 41 Any disputes or differences arising under, out of, or in connection with the contract shall be subject to the exclusive jurisdiction of courts at Ernakulum, Kerala, India.

For Cochin Shipyard Limited



Assistant General Manager (U&M)

सेफुदीन ए एस/SAIFUDEEN A S
वरिष्ठ प्रबन्धक/ Senior Manager
कोचीन शिपयार्ड लिमिटेड
Cochin Shipyard Ltd.
कोच्ची / Kochi-682 015

Signature and Seal of the Contractor (s)

Tender No.: U&M/MRS/T/012/20-21

Date: 14.08.2020

TECHNO - COMMERCIAL CHECK LIST

SL. No.	Description	Compliance		Remarks or Deviation if any
		Yes	No	
1	Whether technical bid & price bid are submitted in separate sealed covers?			
2	Schedule of work as specified in technical specification/price bid of this tender is acceptable			
3	Completion period as mentioned in the tender enquiry is acceptable			
4	Payment terms as mentioned in the tender enquiry is acceptable			
5	General working of the system will be proved to the satisfaction of CSL before signing of the commissioning report			
6	Whether you have submitted Tender cost & EMD?			
7	Warranty clause as demanded by CSL is acceptable			
8	A copy of price bid (with price part blanked) to be included in the techno-commercial offer is furnished with the Techno-commercial bid			
9	Are you fully agreeable to furnish Security Deposit/Performance guarantee as per terms and conditions.			
10	LD payable as per relevant clause in the special terms and conditions of enquiry is acceptable			
11	Disputes in connection with contract subject to jurisdiction of courts at Ernakulam, India, is acceptable			
12	Willingness to come to Cochin for techno-commercial or price negotiation if found essential by CSL			
13	Termination of contract/risk purchase as per relevant clause in the terms & conditions of tender enquiry is acceptable			
14	100% turnkey job as explained in the detailed tender specification is conceived in its full meaning and the same is acceptable without any deviation.			
15	Detailed technical brochures/catalog/test certificates etc. of relevant sub-units are submitted along with the offer.			
16	Confirm all other special, general terms and conditions of tender are acceptable			
17	Necessary training/documents after commissioning will be provided.			
18	Offered items are meeting to the minimum specification declared by CSL and are the latest proved version/model only.			
19	Fully aware about the safety, general rules, regulations, standards, validity of offers and price, entry pass eligibilities.			

For Cochin Shipyard Limited

Signature and Seal of the Contractor (s)


 Assistant General Manager (U&M)
 श्री सायदुल्लाह/SAIFUDEEN A S
 वरिष्ठ प्रबन्धक/ Senior Manager
 कोचीन शिपयार्ड लिमिटेड
 Cochin Shipyard Ltd.
 कोरची / Kochi - 682 015

Tender No.: U&M/MRS/012/20-21

Date: 14.08.2020

SECURITY INSTRUCTIONS & I.M.S. GUIDELINES**1.0.0. SECURITY INSTRUCTIONS:**

- 1.1.0. Cochin Shipyard Limited is an ISPS Code compliant Port Facility and is required to maintain the Security Level declared by the Government of India from time to time. The premises of Cochin Shipyard Limited are a 'Prohibited Area' under the Official Secrets Act. All contractors and their personnel are bound to comply with the security instructions/ orders of the Shipyard issued from time to time.
- 1.2.0. All contractors and contract workmen should have valid entry pass issued by CSL or accepted as equivalent by CSL and they shall enter the yard through Sannidhi Gate.
- 1.3.0. All movements of all persons entering through Sannidhi Gate should be recorded in the Access Control System at the Gate.
- 1.4.0. 100% checking and frisking of all contractors/contract workmen entering into the yard will be done.
- 1.5.0. All vehicles entering CSL shall have vehicle entry pass either conspicuously exhibited on the vehicles or endorsed in the entry pass. Vehicles carrying materials shall have material entry pass. Such material carrying vehicles shall be permitted entry to the Factory Area by the Blue Security or production of material pass. All contractors and their workmen shall keep personal vehicles in the parking area near Sannidhi Gate.
- 1.6.0. All persons engaged for various works in CSL through contractors should produce the following documents prior to issuing their entry passes:
 - 1.6.1. Attested copy of any of the documents mentioned below:
 - i. Photo identity card issued by government bodies
 - ii. Electoral identity card with clear photo and address particulars
 - iii. Driving license with photo and address particulars
 - iv. Passport/ attested copy of passport with photo and address particulars
 - v. Police clearance certificate with photo and address particulars
 - 1.6.2. No person above 58 years shall be permitted entry into the yard for any work except otherwise specially permitted by the Occupier of the factory.
 - 1.6.3. Police clearance certificate of not less than six months old to the effect that the concerned person is staying in the area of jurisdiction of the certificate issuing Police Station and the person is not involved in any criminal offences as per the records available therein.

- 1.6.4. Application and declaration for enrolling under Employees Provident Fund ESI Scheme, three passport size photographs of the individuals and two copies of family photographs of the members.
- 1.6.5. Safety Awareness Programme attendance certificate issued by CSL.
- 1.6.6. Medical Fitness Certificate by any Registered Medical Practitioner in the prescribed format.
- 1.7.0. Mobile phones with camera are strictly prohibited inside the Shipyard. No contract workmen shall use mobile phone at Factory Area.

2.0.0. I.M.S. GUIDELINES

- 2.1.0. CSL implemented an Integrated Management System (IMS) consisting of Environmental Management System (EMS), Occupational Health and Safety Management System (OHSMS) and Quality Management System (QMS) within the yard. As a part of implementation of IMS, contractors shall comply with the following measures related to Quality, Health, and Safety & Environment (QHSE) Policy of CSL.
- 2.1.1. Meeting or exceeding customer requirements.
- 2.1.2. Assuring quality of product and service.
- 2.1.3. Preventing occupational ill health & injuries.
- 2.1.4. Ensuring safe work sites.
- 2.1.5. Conserving natural resources.
- 2.1.6. Preventing/ minimizing air, water & land pollution.
- 2.1.7. Handling and disposal of hazardous wastes safely.
- 2.1.8. Complying with statutory & regulatory and other requirements.
- 2.1.9. Developing skills and motivating employees.
- 2.2.0. Occupational Health, Safety & Environmental requirements of CSL shall include the following.
- 2.2.1. The contractor (or a sub- contractor performing work on behalf of the contractor) is deemed to comply with the occupational health, safety and environmental policy of the company and also to all operational controls/standard operating procedures and shall undertake the work in total compliance with the requirements of the established integrated management system (IMS) of the company.
- 2.2.2. The contractor shall undertake the work in total compliance with all applicable legal /statutory requirements related to occupational health, safety and environment effective in the state of Kerala.
- 2.2.3. It is the sole responsibility of the contractor to assure that any subcontractors who shall perform works in company lands/facilities/worksites on behalf of the contractor, is also following all requirements related to the integrated management system of the company and the health/safety/environmental rules effective in the state.
- 2.2.4. The contractor shall provide/implement and operate/practice all occupational health, safety and environmental management measures/facilities for their period of contract, in their activities/at their

work sites, which shall be required according to the IMS of the company or that required by the health safety environmental rules established and effective in the state, at their own cost.

- 2.2.5. If any contractor failed to comply with or violated any clauses/requirements of occupational health, safety and environmental rules effective in the state, in their activities or at work sites and the same shall be exposed to the government or any competent authorities upon inspections, the contractor shall solely responsible for all liabilities caused by his/her action and shall be responsible for paying the penalty and taking the stipulated corrective actions insisted by the authorities within the specified time, at their own cost. Any liability to the company in this regard needs to be compensated by the contractor.
- 2.2.6. Upon the completion of the work, contractor shall clear the area and shall not leave any occupational health/safety/environmental liabilities to the company, from their activities at the worksites.
- 2.2.7. Any clarification related to IMS requirements of the yard, may be obtained by the contractor from the authorized representative of the contract, prior to the commencement of work.

For Cochin Shipyard Limited



Assistant General Manager (U&M)
सैफुद्दीन ए एस/SAIFUDEEN A S
वरिष्ठ प्रबन्धक/ Senior Manager
कोचीन शिपयार्ड लिमिटेड
Cochin Shipyard Ltd.
कोच्ची / Kochi - 682 015

Signature and Seal of the Contractor (s)

Tender No.: U&M/MRS/012/20-21

Date: 14.08.2020

GENERAL SAFETY RULES

1. These safety rules have been promulgated for the guidance of the contractors. These rules in no way relieve a contractor from his obligation under various statutory rules and regulations.
2. The Contractor before starting any work in the CSL premises will be issued with these rules and he is expected to give a declaration that he receives one copy of the CSL Safety Rules for Contractors and will comply with the rules laid therein.
3. CSL reserves its right to suspend work in the event of the contractor not complying with the rules of instructions with regarding to safety practices for which no claim of any kind will be entertained.
4. To ensure the safe conduct of safety operation a representative of the contractor should maintain appropriate contact with the Officer-in-charge of the work as may be necessary to acquaint himself with any changed conditions of matters relating to the safety performance.
5. All regulations codes and ordinance of the Government of Kerala, and local Municipal, Corporation regarding safety will be applicable to the contractors.
6. The principal contractor is responsible for observance of these rules by his sub- contractors. Only employees acceptable to CSL should be employed for the operation of any type of equipments. Contractor's employees should not enter the areas where the nature of contracted work does not require their presence.
7. All accidents occurring to contractor's personnel must be reported promptly and immediately by the contractor or his agent to the Chief Safety Officer (Indl. Relations) in addition to the Officer-in-charge of the work and this should be followed by an incident/ accident report in the form prescribed by the company. In case of electrical accidents, report should be made in accordance with Rule 44 Annexure of Indian Electricity Rules 1956 and the form shall be in accordance with Annexure XIII to the Indian Electricity Rules 1956. The report should be furnished to the Resident Electrical Engineer within 8 hours of occurrence of electrical accidents immediately on occurrence of electrical accident; the operator in the Main Receiving Station should be informed on the phone and necessary instructions taken from him.
 - a) The contractor should ensure that they are complying with all the regulations under the Indian Electricity Act and relevant rules when they consume electricity.
 - b) All power cables shall be armoured cables.
 - c) HRC fuses should be used in all fuse/ switch fuse units.
 - d) Double earthing shall be provided to all equipments, switch boards, etc.
 - e) Overhead power lines are to be restricted to the minimum possible and should be attached to a GI Guy wire by means real insulation.
 - f) No wire carrying electrical current is to be laid on the working floor areas.
 - g) Surplus wire kept bundled at the end of supply line shall be neatly done and secured properly.
 - h) Earthing points should not be extended by looping.
 - i) Electrical insulations, wiring etc. are to be got done only through a licensed electrical contractor holding valid license issue by the electrical inspector of Kerala.
8. Electric switches or circuits, unless wholly owned solely used by the contractor should not be opened or closed unless authorized by the Officer-in-charge of the CSL.

9. The storage, handling and use of hazardous materials must be approved by the S&F Department.
10. The contractor should be responsible for the cleanliness of the job site.
11. The contractors should take precautions to prevent tripping hazards caused by hoses and welding lines etc.
12. The contractor should ensure that adequate fire extinguishing arrangements are provided for their requirements.
13. Contractor's workmen should obey all signs and special rules regarding smoking and fire prevention.
14. In the event of fire the contractors should inform the control room (through 1300 or 9895788285), at once giving the exact location and nature of fire. At the same time he should start operations to extinguish or control the fire until assistance arrives.
15. Where property is exposed to the hazards of fire, open fires will not be permitted.
16. Gas or oil fired heaters must not be placed close to the inflammable material. Their burners must be adjusted and maintained so that there is no risk of accidental fire nor of the omission or smoke or fumes.
17. Inflammable liquids must be handled in safe cans or containers approved by CSL and shall be stored, in the locations acceptable to CSL. All such containers must be clearly labeled.
18. Tarpaulin used should be flame proof type.
19. The area beneath overhead work should be "roped off and signs" Danger. Man working above should be placed to warn the men moving below.
20. Excavation should be protected by adequate covering and visible warning lights should be placed both during day and night to warn approaching traffic. Precautions should be taken to prevent "cave-ins" of the excavations.
21. Proper and adequate timber shoring and bracing should be provided to prevent sliding or slipping of loose or unstable soil, rock or other materials.
22. Under cuttings or trenches and other excavations should be avoided.
23. Excavated materials should be put away from the edges of the excavated trench to avoid slipping of the excavated materials into the trench.
24. The contractors working in man holes or pits below the ground level must acquaint himself and advise his employees of the hazards of gas or liquid level and take proper precautions.
25. Open manholes must be protected by adequate barricade. Man hole covers should be replaced promptly when work is suspended.
26. Only qualified employees under the supervision of a qualified supervisor should be allowed to use oxy-acetylene equipment.
27. Cylinders should be secured in upright position.
28. Electric welding should be done only by qualified welders under the supervision of qualified supervisor.

29. Welder should use adequate personal protective equipments while working.
30. Arc welding should be done only after shielding the location.
31. Arc welding equipments should be properly earthed. While welding it should be ensured that no equipment forms part of the ground return. Ensure the ELCB is fitted on all the welding machines. All portable electrical equipments including switch boards must be fitted with ELCB. Ensure Voltage Reducing Devices (VRD) safety relay is fitted to the AC welding transformers.
32. Contractors should ensure that First Aid boxes are provided at work spot and should ensure proper medical care of injured persons.
33. Contractors should ensure that all the employees are equipped with proper protective equipments for the work they are entrusted with.
34. All the employees of the contractors should wear approved safety helmets, safety shoes, and cotton working dress in CSL work site.
35. When contractor's employees are exposed to the movement of cranes, the contractor's supervisor should consult with the Officer-in-charge before sending his men on the job.
36. When contractor's employees are exposed to the movement of cranes he should provide a watchman for the protection of his employees.
37. Only qualified and authorized employees should be allowed to operate the mobile cranes and other hoisting equipments.
38. Only qualified and authorized persons should be allowed to drive the vehicle in the yard.
39. All traffic rules, signs and speed limits must be observed by all the employees of the contractor.
40. Contractors should not park their vehicle in such a way as to be a hindrance to the smooth flow of traffic in the yard.
41. While working at heights adequate scaffolding or staging should be used.
42. While working at heights the workman should wear full body harness with adequate life lines.
43. Scaffoldings should be of a sound material securely fastened and should be capable of supporting 4 times the combined weight of men and material who may be working on them.
44. Guarding and the boards should be installed in all scaffolding which is 10" or more in height.
45. Workmen in charge of working squad are responsible for the safe loading and use of ropes, chains, cables slings, jacks, skids and other hoisting and lifting apparatus. In no case such equipments should be used unless and until the man in charge is satisfied that it is free from defects and are safe for use.
46. Before operating cranes, derrick or hoist stick or hoisting equipment, the operator should sound a warning and he should accept signals only from one person for starting the work of raising, lowering and swinging loads.
47. The operator should stop immediately all operation on receiving signals from any one.

48. No workman should move near the cable under tension and within the angle formed by the ropes or cables.
49. When anyone is found in the danger zone the Hoist operator should never place tension on rope or cable.
50. Care must be taken to see that cable chains and other hoisting equipments are not unduly stressed by improper use.
51. All ropes, cables, chains, slings etc. should be discarded when they are worn out or deteriorated to the point where their safe use may be doubtful.
52. Chains and wire ropes should not be spliced and joined. New links should be inserted by competent persons. Wire ropes or cables should not be allowed to kink. When applying U bolts and clips to cables, adequate number should be used.
53. Hooks, rings and other fittings used on chains or cables should be of the carrying capacity higher than that of the chain or cable.
54. Natural and synthetic fiber ropes should be properly cared and the following precautions should be taken.
 - a) Rope should not pass over sharp edges; pads should be used to protect the fibers.
 - b) Rope should not be dragged on the ground unnecessarily using too small sheaves, should be avoided.
 - c) Rope should not be permitted to slip on which drum or moving drums.
 - d) Kinked ropes should not be used.
 - e) Do not tie knots where splices should be used.
 - f) Ropes should not be allowed to soak in oil and exposed to acid or other corrosive substances, they should wash and dried.
 - g) Ropes should not be allowed to expose to weather unnecessarily.
 - h) When drying excessive heat should not be used.
59. Adequate precautions should be taken during welding or gas cutting against hazards such as electric shocks, burns, fumes fires, explosion and arc eyes.
60. Gauntlet gloves should be worn while glass cutting.
61. Outer cloth worn should be free from oil or grease.
62. Goggles or welder's helmets should be worn during welding.
63. Barriers should be erected to protect other persons in the vicinity from rays or electric arcs or welding flames.
64. Goggles should be worn while chipping the welding slag.
65. Adequate ventilation should be provided while welding or cutting in confined spaces.
66. When welding or glass cutting in elevated positions, precautions should be taken to prevent sparks of hot metal slag falling out to the people or to the flammable material below.
67. Before welding or cutting a pipe, tank or container, which carried flammable material, it should be thoroughly cleaned and gas freed and if necessary, 'Hot Work Certificate' from the controller of Explosive should be obtained.

68. Loitering around operating units is prohibited at all times.
69. Bringing intoxicants into the yard is strictly forbidden. Likewise entering the yard under the influence of intoxicants is an offence.
70. Jumping on off trucks, automobiles or other moving vehicle is prohibited. Men should wait until the vehicle stops before attempting to enter or leave.
71. In confined spaces workers shall be protected with air line respirators with tight fitting rubber, mask (especially for painting etc.).
72. It shall be considered hazardous to carry out gas cutting or welding work within 15-20 feet from the place where paint is being applied.
73. The following works to be done through "Permit to work- on installment"
1. Work at height/ fragile roof.
 2. Excavation/ Trenches opening
 3. Work on gas lines
 4. Work on crane track/ rail track
74. All Scaffolding more than 2m height to be certified by S&F Department before boarded to Scaffold.

For Cochin Shipyard Limited



Assistant General Manager (U&M)

सैफुद्दीन ए एस/SAIFUDEEN A S
वरिष्ठ प्रबन्धक/ Senior Manager
काचोन शिपयार्ड लिमिटेड
Cochin Shipyard Ltd.
काच्ची / Kochi - 682 015

Signature and Seal of the Contractor (s)

UNCONDITIONAL ACCEPTANCE LETTER

(Unconditional acceptance to be given by in letter head)

ACCEPTANCE OF TENDER CONDITIONS

1. Tender Document for Design, supply, installation, testing and commissioning of 9 kWp grid connected solar photovoltaic power plant at Samudrika, Panampilly Nagar of Cochin Shipyard Limited, has been downloaded by me/us and I/We hereby unconditionally accept the tender conditions of tender documents in its entirety for the above work.
2. It is further noted that it is not permissible to put any remarks/conditions in the tender enclosed in "Cover No.2". I/We agree that the tender shall be rejected and ACCEPTING AUTHORITY shall, without prejudice to any other right or remedy, be at liberty to forfeit the earnest money deposit.
3. The required earnest money for this work is enclosed herewith.

Yours faithfully,

(Signature of the tenderer) with rubber stamp

Date:

No. U&M/MRS/T/012/20-21

UNDERTAKING BY CONTRACTOR

Name of work: - **DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 9 KWP GRID CONNECTED SOLAR PHOTOVOLTAIC POWER PLANT AT SAMUDRIKA, PANAMPILLY NAGAR OF COCHIN SHIPYARD LIMITED**

1. "I / WE COMPLY WITH ALL CONDITIONS OF TENDER BY CSL AND CONFIRM THAT RATES QUOTED IN THE PRICE BID ARE INCLUSIVE OF ALL TAXES AND DUTIES INCLUDING SERVICE TAX IF APPLICABLE. I / WE ALSO CONFIRM THAT COVER-3 (PRICE BID) DO NOT CONTAIN ANY CONDITIONS".
2. "I / WE HAVE NOT MADE ANY PAYMENT OR ILLEGAL GRATIFICATION TO ANY PERSON/AUTHORITY CONNECTED WITH THE BID PROCESS SO AS TO INFLUENCE THE BID PROCESS AND HAVE NOT COMMITTED ANY OFFENCE UNDER THE PC ACT IN CONNECTION WITH THE BID."

Signature:

Name & address of the contractor:

(Self declaration to be given by in letter head)

1. Reference No. & Date :
2. Bidder's Name & Address :
3. Person to be contacted :
4. Designation :
5. Telephone No. :
6. Fax No. :
7. E-mail :

SELF DECLARATION

We do hereby declare that we have not been debarred/black listed by CSL or by any of the Public Sector Undertaking or Government Department etc.

If CSL finds that, we have been blacklisted/de-barred by any of the Public Sector Undertaking or Government department, and then CSL can reject the offer or terminate the contract at any point of time. In such case, we are aware that, EMD, Security Deposit, Performance Guarantee etc. will be forfeited by CSL. Further we are confirming herewith that, any loss that has happened to CSL due to this will be compensated by us.

For and on behalf of the firm

(Firms Name & Address)

(Signature of Authorized Signatory)

Name :

Designation :

Phone No. :

Seal :

Date :

Place :

U&M DEPARTMENT (MRS SECTION)
PRICE BID (In Indian Rupees)

TENDER NO:U&M/MRS/T/012/20-21 DATED: 14.08.2020

**DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF TOTAL CAPACITY 9kWp GRID
CONNECTED SOLAR PHOTOVOLTAIC POWER PLANTS AT SAMUDRIKA, PANAMPILLY NAGR OF COCHIN
SHIPYARD LIMITED.**

Sl. No.	Description of work	Unit	Qty.	Supply Amount (Rs.)	Installation Amount (Rs.)
	Design, supply, installation, testing and commissioning of 9kWp grid connected solar power plants at Samudrika, Panampilly Nagar of Cochin Shipyard Limited as per the technical specifications, scope of work, special & general terms and conditions attached.	LS	LS		
TOTAL AMOUNT					
TOTAL GST RATE @.....			AMOUNT		
GRAND TOTAL AMOUNT INCLUDING GST (SUPPLY+INSTALLATION)					

- NOTE: 1. GST as per the prevailing rates will be paid.
2. All the items/work mentioned above as per technical specifications, scope of work, special & general terms and conditions.
3. Individual lowest rate will not be taken for considering L1. Being the job is turnkey nature, Total amount will be the criteria for considering L1.
4. All required materials for the setting up of the system should be supplied by the contractor/bidder.
5. Since the job involves work at high elevation, safety procedures & systems mentioned in tender are required to be followed during work execution. Bidders to quote accordingly

I/we quote my/our lowest rate for the work for

.....(Rupees.....
.....only including all taxes) and agree to
complete the work as per the all terms and conditions indicated in the Tender No.
.....date.....

Signature of Tenderer :

Date

Name of the Tenderer :

Address / Seal

E-Mail

Contact No.

For Cochin Shipyard Limited


Assistant General Manager (U&M)
सेफुदीन ए एस/SAIFUDEEN A S
वरिष्ठ प्रबन्धक/ Senior Manager
कोचीन शिपयार्ड लिमिटेड
Cochin Shipyard Ltd.
कोच्ची / Kochi - 682 015