



U&M DEPARTMENT  
MRS SECTION

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

Date: 14.08.2020

**TENDER NOTICE**

Sealed two-bid mode tenders in the prescribed form are invited on behalf of Cochin Shipyard Limited from ANERT Empanelled Agencies for the under mentioned work on Turn Key, so as to reach the undersigned on or before the date and time mentioned below. The tenders should be submitted in three separate envelopes superscribing the details as shown below.

Cover 1: Cost of tender form and EMD

Cover 2: Technical Bid

Cover 3: Price bid

Tender No. & date	U&M/MRS/T/012/20-21, 14.08.2020
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.
Tender Cost	Rs. 100/- + 12 % GST
Earnest Money to be deposit	Rs. 10,500/-
PAC	Rs. 5,25,000/-
Site study at Samudrika, Panampilly Nagar	19.08.2020 at 14:30 Hrs.
Last date & time of receipt of tender	26.08.2020 up to 14:00 Hrs.
Date & time of opening of tender	26.08.2020 14:30 Hrs.
Time of completion of work	45 Days after the mobilization period

Sealed tenders addressed to The Assistant General Manager (U&M) shall be dropped in tender box at Utilities & Maintenance Department, Cochin Shipyard Limited, Perumanoor P.O. Kochi - 682015, Kerala, India or to be sent by registered post so as to reach this office by due date and time. CSL will not be responsible for postal delay or non-delivery/non-receipt of tender documents.

Officer - in - Charge for the above work { Name : Saifudeen A S  
Designation : Senior Manager (MRS)  
Contact No. (M): +91 9895 765873  
Contact No. (L): +91 484 250 1509  
E-mail : saifudeen.as@cochinshipyard.com

For Cochin Shipyard Limited

Signature and Seal of the Contractor (s)

साफुदेन ए एस/SAIFUDEEN A S  
सिनिअर म्यानेजर / Senior Manager  
कोचीन शिपयार्ड लिमिटेड  
Cochin Shipyard Ltd.  
कोची (U&M) 682 015  
Assistant General Manager



पंजीकृत कार्यालय : प्रशासनिक भवन, पी.ओ.बैग सं 1653, पेरुमानूर 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: L63032KL1972GOI002414

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Note:-

1. The bidder has to conduct a preliminary study of the CSL site for the actual design conditions for designing and setting up an optimum solar power plant of a capacity 9 kWp at roof top of Pump room and Electrical room at Samudrika , Panampilly Nagar.
2. This is a **turnkey job** and all required materials for the setting up of the system should be supplied by the contractor/bidder.
3. It may please note if any of the dates mentioned above is declared a public holiday, the dates mentioned above shall be extended to the next working day.
4. Any clarifications sought for this tender shall be done in writing/telephone/email to the following address/email id:

Mr. Saifudeen A S  
 SM (MRS)  
 U&M Department  
 Email: [saifudeen.as@cochinshipyard.com](mailto:saifudeen.as@cochinshipyard.com)  
 Mob: +91 9895 765 873, +91 484 250 1509

For Cochin Shipyard Limited

  
 Assistant General Manager (U&M)

Signature and Seal of the Contractor (s)

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

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## **GUIDELINES & ELIGIBILITY CRITERIA**

The documents to prove minimum eligibility criteria as given below should be submitted in a separate envelope super scribing "Documents related to minimum eligibility criteria" in the technical bid. However, a single set of eligibility documents is to be submitted by the bidders. The following criteria shall be eligible to apply:

1. The bidder should have service center in Kerala state to provide necessary after sales service to CSL during the warranty period. Documentary evidences for the details of service centers in Kerala should be enclosed with the offer.
2. The self-declaration of the bidder that they are an empanelled agency with ANERT along with their empanelment number
3. The bid should accompanied by tender cost & Earnest Money Deposit stipulated in the tender notice by demand draft/banker's cheque (EMD & Tender cost should be submitted separately) from any Nationalized Banks drawn in favour of CSL payable at Ernakulam.
4. Tender shall be submitted in three separate sealed covers as given below superscribing the name of work, address of the tenderers.

### **Cover – 1 (Tender Cost & EMD)**

- a) Tender cost in the form of demand draft.
- b) EMD in the form of demand draft/banker's cheque/ FDR valid for three months from the date of tender opening.

### **Cover – 2 (Eligibility Criteria & Technical Documents)**

- a) Document related to eligibility criteria.
- b) All technical documents duly filled and sealed in all pages including un-priced price bid (separate cover).
- c) Eligibility Criteria of the offer will be opened first. The techno commercial evaluation will be carried out only for those tenderers fulfilling the eligibility criteria. The Price Bid of offer of Non-eligible bidders (those are not fulfilling minimum eligibility criteria, technical specification and commercial terms) shall not be opened. CSL reserves the right to reject any or all offers without assigning any reason whatsoever.

### **Cover – 3 (Price Bid)**

- a) Quoted price bid duly signed and sealed.

Tender document duly filled and signed along with official seal must be put in the proper envelope, duly sealed with clear recording of the tender notice number and due date on the envelope and should be submitted to this office as per the date stipulated.

## **INSTRUCTION TO BIDDER**

1. The bidder shall be deemed to have carefully examined the technical specifications, special & general terms and conditions, work schedules and also to have satisfied himself as to the nature and character of the plant and equipment to be supplied and installed under the contract, the site conditions and all relevant matters & details. The bidder must visit the site and take first hand information related to the contract before submission of tender.
2. The bidder shall note that any conditional offer will not be considered.
3. All pages of offers including bids, technical specifications, supporting documents etc. are to be signed by authorized signatory in each page and company seal should be affixed on each page. In case of non-compliance, offer is liable for rejection.

For Cochin Shipyard Limited

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

Signature and Seal of the Contractor(s)

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### SCOPE OF WORK

1. The scope of work includes site study, design, supply, installation, testing and commissioning of **9 kWp grid connected solar power plants at Samudrika, Panampilly Nagar** of Cochin Shipyard Limited. This is a **turnkey job**; all the materials required for the satisfactory completion of the project should be supplied and installed by the contractor.
2. The scope includes supply and installation of poly/mono crystalline solar panels, power conditioning units (PCU), module mounting structures, junction boxes, DCDB, ACDB, cables and accessories, net metering facility, data logging system, cleaning system, earthing & lightning protection including connected civil works and testing, commissioning of the plant etc. The work has to be carried out as complying with the technical requirements/standards for SPV systems/power plants, defined under the programmes of ministry of new and renewable energy (MNRE).
3. The bidder should note that the specifications furnished in the tender is of general nature only and it is the responsibility of the bidder to design, supply, install, commission and put in operation of the equipment and services required for the satisfactory performance of the solar power system. The Solar PV system shall be synchronized with existing power system.
4. **Supply of Solar meters, Bidirectional energy meters and testing and calibration of these meters in KSEBL approved laboratories is under the scope of the contractor.**
5. Before establishing connectivity with grid, the system has to be tested in the presence of the representative of the Distribution Licensee and clearance has to be obtained. The responsibility for conducting pre-commissioning test lies with the contractor installed the system. The installation shall be considered as completed only after testing and commissioning of the system. The cost or fees if any, for the testing after completion of installation for establishing connectivity has to be met by the contractor.
6. Necessary formalities like preparation and submission of application and other documents for getting the clearance from the Distribution Licensee and execution of connectivity/banking/power purchase agreement with Distribution Licensee has to be arranged by the contractor.
7. The Contractor shall obtain necessary statutory approvals of the Electrical Inspectorate/CEA, State Pollution Control Board and any other state and local authorities as may be required and the incidental expenses for obtaining such approvals shall be included in the Contract price.
8. All the necessary details, drawings and submission of application will be furnished by the contractor for verification/signature.
9. Wherever necessary or required, the Supplier shall furnish the test and/or inspection certificates from the appropriate authorities as per statutory regulations and the cost for obtaining these certificates shall be included in the Contract price.
10. As the work is to be done above the roof tops of Electrical room and Pump room **at Samudrika, Panampilly Nagar**, sufficient safety measures to be made. The Safety precautions for the work of solar power plant at the roof top of buildings for affixing module mounting structure and Solar modules are as follows.