



COCHIN PORT TRUST  
COCHIN-682009, KERALA, INDIA  
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**E-QUOTATION DOCUMENT FOR  
"FABRICATION, SUPPLY, INSTALLATION, TESTING &  
COMMISSIONING OF LED ILLUMINATED SIGNAGE "SAGARIKA" AT  
THE NEW INTERNATIONAL CRUISE TERMINAL BUILDING AT  
ERNAKULAM WHARF, COCHIN PORT TRUST"**

Website:www.tenderwizard.com/CPT; [www.cochinport.gov.in](http://www.cochinport.gov.in)

CHIEF MECHANICAL ENGINEER'S OFFICE  
ELECTRICAL DIVISION, FIRST FLOOR,  
NEW ADMINISTRATIVE BUILDING,  
COCHIN PORT TRUST  
WILLINGDON ISLAND, COCHIN-682009

Due Date & Time for submission : **14.30 hrs. on 26/10/2021**

Date & Time of Opening : **15.00 hrs. on 26/10/2021**

**E-QUOTATION No. F2/LED Signage Board SAGARIKA- ICT/2021-M DT.11/10/2021**



## COCHIN PORT TRUST

Chief Mechanical Engineer's Office,  
Cochin Port Trust, Willingdon Island,  
Cochin – 682009, KERALA  
**TELE: 91-0484 -2666639/0484-2582300**  
website : [www.cochinport.gov.in](http://www.cochinport.gov.in)

No. F2/LED Signage Board SAGARIKA- ICT/2021-M

DT.11/10/2021

### 1. e-QUOTATION NOTICE

1. Electronic Quotations (e-Quotations) **on percentage basis** are invited by the Dy. Chief Mechanical Engineer (Ele.) for carrying out the work of "**FABRICATION, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF LED ILLUMINATED SIGNAGE “SAGARIKA” AT THE NEW INTERNATIONAL CRUISE TERMINAL BUILDING AT ERNAKULAM WHARF, COCHIN PORT TRUST**".
2. The bidder should have experience in carrying out similar outdoor illuminated display/signage works and **shall submit scanned copy of Purchase Order/ Work order and Completion Certificate** issued by the Client for those previous experiences.

Sl. No.	Item Description	Details
1.	Quotation e-publication date	<b>No.F2/LED Signage Board SAGARIKA-ICT/ 2021-M dt:11/10/2021</b>
2.	Download period of quotation documents	17.00 hrs. on 11/10/2021 to 14.00hrs.on 26/10/2021
3.	Last date and time of submission of bid	<b>26/10/2021at 14.30 hrs.</b>
4.	Date and time of opening the bid	<b>26/10/2021at 15.00hrs.</b>
5.	Estimated Amount	<b>Rs.4,19,234/-</b> excluding GST (Rupees Four lakh nineteen thousand two hundred and thirty four only)
6.	EMD/ Cost of document	Nil
7.	Validity period of quotation	90 days from the last date for receipt of quotation
8.	Period of Contract	<b>60 days from the date of LOA</b>

3. The bidders are to obtain the one time User ID & password for log-in to the e-tendering Portal [www.tenderwizard.com/CoPT](http://www.tenderwizard.com/CoPT) from the service provider M/s.KEONICS by paying registration amount of Rs.1124/- through online Payment using Credit/Debit Card/Net banking or DD in favour of “KSEDCL, Bangalore”.
4. The intending bidder must have valid Class-II or III digital signature certificate to submit the bid. For further details, please contact e-Tender Help Desk No. 080-40482000/ 080-49352000/ 9746118529/ 9605557738.
5. Quotation documents including General Conditions, Scope of Work & Technical Specifications for carrying out the work, as well as Bill of Quantities can be downloaded from the e-Tendering portal [www.tenderwizard.com/COPT](http://www.tenderwizard.com/COPT) from 11/10/2021 to 26/10/2021 by making online requisition. Quotation document will also be available in Cochin Port website ([www.cochinport.gov.in](http://www.cochinport.gov.in)) which can be downloaded for submission.
6. The Quotation document will be available as two separate files in the e-quotation Portal; containing the following:
  - a. Quotation Notice with General Conditions, Scope of Work and Technical Specifications.
  - b. Bill of Quantities.
7. The estimated amount in the BoQ is excluding GST. The Bidders shall quote percentage above or below the Departmental estimate in the Bill Of Quantities (BoQ) and submit the same ONLINE in the e-tender portal [www.tenderwizard.com/CPT](http://www.tenderwizard.com/CPT). The name and address of the Bidder shall necessarily be entered in the space provided in the Bill of Quantities.
8. **Quotations shall be submitted before 2.30 pm on 26/10/2021 and will be opened at 3.00 pm on the same day.**
9. The Bidder shall inspect the site before submitting the quotation in order to make them fully aware of the Scope of Work, Site and its conditions.
10. The undersigned reserves the right to reject/cancel/postpone any one or all tenders at any stage of the tender, which will be binding on all bidders.

**DY.CHIEF MECHANICAL ENGINEER (ELE)**

## **2. GENERAL CONDITIONS**

1. **Validity of Quotation:** The Quotations shall be valid for a period of 90 days from the due date of submission of quotation.
2. **Completion Period:** The whole work shall be completed within 60 days from the date of receipt of work order. In case the Bidder is not permitted to carry out the work due to some problem from Employer's side, he should maintain a record of such time lost, duly counter signed by the Engineer-in-Charge and this period will not be included while determining the delay in completion period. In case the works are not completed within the specified completion periods due to any fault of the Bidder, liquidated damages (L.D.) may be levied as per Clause 4 below.
3. **Payment Terms :** Payments will be made online after completing the work to the entire satisfaction of the Engineer-in-Charge and also after deducting the taxes prevailing in force at the time of payment of bills. Payment will be made as per actual measurements, according to the percentage quoted.
4. **Liquidated Damages:** In case of delay in completion of the contract, liquidated damages (L.D.) may be levied at the rate of half percent (½%) of the Contract Price per week of delay, subject to a maximum of 10% of the Contract Price. The amount of Liquidated Damages can be adjusted or set-off against any sum payable to the Bidder.
5. **Defects Liability Period:** The entire work carried out shall have 3-year replacement warranty from the date of commissioning. The defects liability period for the entire work shall be 36 months from the date of commissioning of the installations. In the event of any defect/ deficiency being noticed during the period, which is attributable to the defective materials/design/ workmanship, the Bidder shall make good the same at his cost.
6. **Security Deposit:** Security deposit @ 3% of Contract Price shall be recovered from the Bidder's bill. The amount towards Security Deposit so deducted will be released only after successful completion of the defect liability period, subject to certification from the Engineer-in-Charge.
7. **Execution of Agreement:** The successful Bidder will be required to execute, within 14 days from the date of receipt of work order, an agreement at his expense on proper value Kerala State Stamp Paper in the prescribed departmental form, consisting of the work order issued to the Bidder, together with the Quotation submitted by him including General Conditions, Scope of Work and Technical Specifications, for the due and proper fulfillment of the contract. Till signing of agreement, the Quotation together with the acceptance letter shall constitute a binding contract between the Bidder and Cochin Port.
8. **Engineer-in-Charge:** The Engineer-in-Charge of the work is the Superintending Engineer (Ele), CoPT. Clarifications if any required can be obtained by contacting the Superintending Engineer (Ele) / Executive Engineer(Ele-P) of the Electrical Division of CoPT. Ph: (0484-2582351 OR 0484-2582320).

9. **Water & Electricity:**

**Water:** Water, if required for the work, shall be arranged by the Bidder at his own cost.

**Electricity:** The Bidder shall make his own arrangements for the temporary connection for electricity required, if any, and make necessary payment for it direct to the Department concerned.

10. The Bidder shall have valid GST Registration number. GST as applicable for the work will be paid extra by the Port. The GST applicable as per law can be billed on the Port Trust, which will be paid to the Bidder by the Board along with the bills, for which the Bidder shall hold valid GST Registration number.
11. The Bidder shall comply with all the provisions of the Indian Workmen's Compensations Act, Public Liability Policy, Provident Fund Regulations, Employees Provident Fund and ESI Act etc. amended from time to time and rules framed there under and other laws affecting the Contract labour that may be brought in to force from time to time.
12. The Bidder shall be registered under EPF and ESI act and the employees employed under them shall be covered in the EPF and ESI Scheme, if required as per applicable rules. The Bidders shall regularly remit, the Employer & Employee contribution to the authorities in such cases. If not, the Dept. would be required to remit the same and the amount so remitted shall be deducted from the part/ final bill of Contractors.
13. All materials, tools, plants and equipments required for completing the work shall be provided by the Contractor at his own cost. All materials required for the work shall be got approved by the Engineer-in-Charge before using in the work. Any fittings or accessories which may not be specifically mentioned in the specification but are usual or necessary as per good industry practice, shall be provided by the Bidder without extra cost to the Port. All works shall be carried out as per relevant ISS.
14. All labour, skilled or unskilled for the work shall be provided by the Contractor at his own cost and settling any disputes with the labour shall be the Contractor's responsibility.
15. All care and precautionary measures for avoiding any kind of damage/ accidents in the work site shall be taken by the Contractor. All safety precautions shall be taken while carrying out the work. The Contractor shall supply the necessary safety equipments to the workers employed by him and also ensure that they use it, while carrying out the work. The Contractor shall be solely liable and responsible for accidents if any, occurring during the period of Contract.
16. The work shall be completed without causing any damage to the existing structures/cables etc. In case any damage is caused, the same has to be rectified at Bidder's risk and cost.
17. The Port will in no way be responsible for any loss/damages caused in connection with the work.

**SIGNATURE OF THE BIDDER**

### **3. SCOPE OF WORK**

The contract covers “Providing signage board “Sagarika” on top of International Cruise Terminal building. The detailed Scope of Work is as given below:

1. Fabrication, Supply, Installation, Testing & Commissioning of the LED Signage Board (Blue colour letter) for International Cruise Terminal Building Name “Sagarika” with LED display letters as per the technical specification given below.
2. Supply and laying of minimum 4CX 4 Sqmm Cu armoured cable (about 70 Mtrs.) for taking power supply from nearest point available, satisfying the power requirements of the display systems as required.
3. Supply and Providing SMPS or equivalent power supply controls of make as per the standards and shall be for outdoor rating as per site condition.
4. Suitable supports/ frames shall be fixed at the top of the building firmly as per requirements and be duly painted with epoxy primer and epoxy paint.
5. Supply and providing suitable timer control panel with all accessories as per requirements.
6. Supply and providing necessary DBs with MCB's /Junction boxes, cabling etc including all accessories in complete as required for commissioning the Signage /Name Board.
7. The entire signage system shall be with 3 year replacement warranty.
8. Drawing attached separately.
9. Environmental:  
Operating temperature: 5 °C to 45 °C  
Relative humidity <=95%
10. The bidder shall visit the site before quoting for the work.

### **4. TECHNICAL SPECIFICATION**

#### **A. Supply**

##### **1) Item No. 1 . “Sagarika”**

The Letters in “Sagarika” shall be made with 3’ Height and 3’ Width (Approximate) as per the sample drawing attached. 1.5 mm thick Aluminium powder coated with side return bending, notching & Flanging processed on Channel letter machine. Front fascia made of 3mm Acrylic letter covered and fitted with 1” jewelite trim cap. Roof frame work shall be done by 3” x 15” C Channel minimum on base and support for the letters with 40 x 40 mm square tube shaped in letter. The letters shall be coated with epoxy primer and epoxy paint as required.

Letters shall be fixed using C channel /MS angle /MS tube as letter backing, to be shaped in line with the alphabet. Letters shall be of blue colour LED of reputed make. The system has to be wired to a Timer control panel switch with MCB, timer, contactors, A/M switch etc. of suitable rating and all accessories including wiring as required.

## **B. Installation of the system**

### **1) General**

- a. The installation, testing and commissioning of the signage board shall be carried out in accordance with specification/ manufacturer's recommendations, and relevant standards or as directed by owner/Engineer-In-Charge. It is the responsibility of the contractor to supply all equipment, items, accessories, materials, tools, tackles, scaffolding transporting, unloading of the equipment at site, lifting of equipment, consumables etc, required for the installation and successfully commissioning of the equipments and handing over of the installation to the entire satisfaction of CoPT.
- b. The scope of erection shall include supply of all hardware and accessories such as bolts, nuts, washers, gaskets, cable termination accessories, lugs, paint, primer, sand, etc. required for completeness of the work. All civil works required for fixing the same will be under the scope of contractor. Any damage to the structure, if any shall be made good by the contractor during the work.
- c. The equipment/ items to be erected shall be handled with care by experienced workers under the guidance of the competent supervisor. Proper handling and transporting equipments should be used and dragging should be avoided. All tests shall be carried out in the presence of CoPT's Engineer-in-charge/ representative.
- d. The Name **Sagarika** shall be displayed in Blue color letters. Sample drawing is attached.
- e. The position for fixing the letters is at front top of the building and shall be finalized only with the approval of the Engineer in charge.
- f. Any damage to the Civil structure while carrying out the installation of the Signage Board shall be rectified by the contractor on their expenses.
- g. The period of completion for the work is **60 days** from the date of LOA.

### **2) Technical**

- a) All the necessary MCBs, DBs, Junction boxes, timer control panel, cables, cable gland, wiring materials etc for wiring, testing and commissioning shall be in the scope of the contractor. Outdoor DB/JB's shall be of IP66 with polycarbonate material ( Hensel or equivalent)
- b) The main cable shall be Armoured, stranded, copper with sufficient size. All other Cables shall be of copper.
- c) Makes of the LED and other items used shall be standard, reputed make and of proven quality with IS.
- d) Power supply for lighting the sign board etc. shall be made available by CoPT. Power cable for the purpose shall be provided by the contractor (approximately 70m). Supply & laying of the power cable, supply and fixing of the JB/DB for tapping supply will be in the scope of the contractor.

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