



COCHIN PORT TRUST
Willingdon Island

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No. D3/ Illumination/ Anchor/2020

Date : 11/08/2020

QUOTATION NOTICE

- I. Sealed Quotations in the prescribed format in single Cover system are invited by the Superintending Engineer(Ele), Cochin Port Trust, Willingdon Island, Cochin-9 for the work " Providing illumination for the Anchor installed at CoPT Avenue Walkway".
- II. The details regarding the ~~quotations~~ are as follows.

Quotation N ^o . & date	: No. D3/Illumination/Anchor/2020
Date	: 11/08/2020
PAC	: Rs1,71,670/- (Rupees One lakh seventy one thousand six hundred seventy only)
Issue of Quotation document	: From : 11.08.2020 to 3 p.m on 20.08.2020
Last date and time for receipt of quotation	: up to 15.00 hrs. on 20.08.2020
Due date and time for opening of quotation	: at 16:00 hrs. on 20.08.2020
Earnest Money Deposit	: Nil

- III. **MINIMUM QUALIFYING CRITERIA**
Contractor shall have minimum of valid "B Class" contractor's license issued by the Kerala /Central Electricity Licensing Board and shall have experience in similar works..
- IV. **Detailed scope of work:-**
The bidder shall quote their rates as per attached Schedule of work as Annexure I.
- V. **Time of completion.**
The entire work covered under this quotation shall be completed in all respects within 30 days from the **date of issue of work order.**
- VI. **Payment terms**
100% payment will be made after satisfactory completion of the work, commissioning and handing over of the system subject the certification of the Engineer-in-charge.
- VII. Detailed specification and scope of work:- Enclosed as annexure II.
- VIII. Terms and conditions for the work :- Enclosed as Annexure-III.

Superintending Engineer(Ele)
Cochin Port Trust
11/8

SCHEDULE OF WORK FOR ILLUMINATION OF ANCHOR AT COPT AVENUE WALKWAY

Sl.	Description of Items	Unit	Qty	Rate (Rs)	Amount (Rs)
1	Design, supply, installation, testing and commissioning of external sign board with content "COPT AVENUE" (Letter 1' feet height and 3 inch thickness) in English as per the tech specification in Annexure -II	Set	1 (set of 10 letters)		
2	Design, supply, installation, testing and commissioning of external sign board with content "WALKWAY" (Letter 15 inches height and 3 inch thickness) in English as per the tech specification in Annexure -II	Set	1 (1 set of 7 letters)		
3	Design supply installation and testing and commissioning of acrylic wall mounted Signboard of size 150cm x 40cm milky white acylic sheet as base of 3mm thickness. Letters and logo with laser cut acrylic letters of thickness 3mm.	Set	1		
4	Supply,Installation, Testing and Commissioning of 15W LED Warm white surface mounted beam spot lighting	Nos	4		
5	Shade lighting with water proof LED strip 12 V , fixing with LED casing warm color LED	m	20		
6	Supply and providing necessary DBs/Junction boxes and cabling	LS	1		
	Total Amount without GST				
	GST				
	Total Amount with GST				

ILLUMINATION OF ANCHOR AT COPT AVENUE WALKWAY

I. SCOPE OF WORK

The proposal covers "Providing Illumination for the Anchor installed at CoPT Avenue Walkway"

The detailed Scope of Work is as given below:

1. Design, supply, installation, testing and commissioning of external sign board with content "COPT AVENUE" & "WALKWAY" as per the technical specification attached.
2. Design supply installation and testing and commissioning of acrylic wall mounted Signboard of size 80cm x 40cm as per the technical specification attached.
3. Supply, Installation, Testing and Commissioning of 15W LED Warm white surface mounted beam spot lighting
4. Shade lighting with water proof LED strip.
5. Supply and providing necessary DBs/Junction boxes ,cabling etc for commission the illumination system.

II. TECHNICAL SPECIFICATION

A. Supply

1) Item No. 1 . "COPT AVENUE"

The Letters in "COPT AVENUE" shall be 1 feet height and 3 inch thick in English at specified location made of SS304 Box letters with 3mm ACP on rear side. Letter front face shall be made up of 4mm solid acrylic 040 of approved color and make. Letters shall be fixed using MS angle 50x50x6mm as base and 25mm MS tube as letter backing, to be shaped in line with the alphabet. Letters shall be lit with white LED of approved make with required power supply. The system has to be wired to an outdoor light timer/nature switch consisting of MCB, timers, contactors of suitable rating and all accessories including wiring as required etc.

2) Item No. 2 . "WALKWAY"

The Letters in WALKWAY shall be 15 inches height and 3 inch thick in English at specified location made of powder coated channel and to be made of SS304 Box letters with 3mm ACP on rear side . Letter front face shall be made up of 4mm solid acrylic 040 of approved color and make. Letters shall be fixed using MS angle 50x50x6mm as base and 25mm MS tube as letter backing, to be shaped in line with the alphabet. Letters shall be lit with white LED of approved make with required power supply. The system has to be wired to an outdoor light timer/nature switch consisting of MCB, timers, contactors of suitable rating and all accessories including wiring as required etc.

3) **Item No. 3 . Acrylic wall mounted Signboard**

Acrylic wall mounted Signboard shall be made up of size 150cm x 40cm milky white acrylic sheet as base of 3mm thickness. Letters and logo with laser cut acrylic letters of thickness 3mm.

4) **Item No. 4 . Beam spot lighting**

Out door type Beam spot lighting shall be of

- a) 15W LED
- b) Warm white or suitable type .
- c) surface mounted

5) **Item No. 5 Shade lighting**

Shade lighting shall be made of water proof warm color LED strip 12 V , fixing with LED casing

B. Installation of the system

1) **General**

The installation, testing and commissioning 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.

The erection scope shall include supply of all hard wares 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 shall be made good by the contractor if any during the work.

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 are to be used and dragging is to be avoided. All tests shall be carried out in the presence of CoPT's representative.

The picture of the structure, logo, letters etc. with sample lighting design is attached.

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. 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) The position of light for beam spot lighting (Item No.4) shall be such that the anchor is illuminated maximum.
- e) Necessary grooving for fixing the LED strip for shade lighting (item No.5) if required shall be done by the contractor.
- f) Power supply for lighting the structure , sign board etc. will be made available near the proposed location/work site by CoPT. Power cable for the purpose shall be provided by CoPT (approximately 25m) . However laying of the power cable , supply and fixing of the JB/DB for tapping supply will be in the scope of the contractor .
- g) The position for fixing the letters will be finalized as per the site condition and approval of the Engineer in charge

Terms & Conditions

1. The contractor shall inspect the site before submitting the offer in order to make them fully aware of the work condition.
2. Contractor shall have minimum of valid " B Class" contractor's license issued by the Kerala /Central Electricity Licensing Board and shall have previous experience in such illumination works. Copy of the experience shall be attached along with quotation.
3. Clarifications to any queries can be obtained by contacting the Executive Engineer (Ele Project, Telephone no. 2582320).
4. Quotations shall be submitted in a sealed envelope super scribing Quotation for the work "Providing illumination for the Anchor installed at CoPT Avenue Walkway. at Cochin Port Trust" on or before 3 p.m. on 20/08/2020.
5. Quotations shall be valid for a period of 60 days from the due date of submission of quotation.
6. The quantities specified in the schedule of work are only approximate and shall be increased or decreased at the discretion of the Dy.CME(Ele), CoPT according to actual requirements. Payment will be made as per actual measurement according to the rates quoted.
7. The rate quoted shall be inclusive of GST. Rates and GST shall be shown separately in the 'Schedule for work" failing which it will be assumed that the cost quoted is inclusive of GST and later payment on account of any additional charges will not be entertained. Scoring out/ over writing, if any, shall be countersigned with the seal of the company.
8. The GST applicable as per law can be billed on the Port Trust, which will be paid to the contractor by Port along with the bills. The contractor in turn shall remit GST to the concerned department as provided by the law.
9. All equipments, components and accessories offered shall be brand new and readily available indigenously. All items offered shall be as per approved quality and standards. All works shall be carried out as per relevant ISS.
10. **Completion Period:** The entire work shall be completed within 30 days from the date of the work order. In case the contractor is not permitted to carry out 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 work is not completed within the completion period specified due to any fault of the contractor, it will be considered as a breach of contract and the contractor will not be considered for any other work in future.
11. **Payment:** 100% payment will be made after completion of the work, to the entire satisfaction of the Engineer-in- charge and his certification.
12. **Deductions:-**
Income tax at the prevailing rates will also be deducted from each running bill. The amount of all cost of work executed or other sum , which under the contract shall be payable by the contractor to the employer, may be deducted /adjusted by the employer from any money due or becoming due by him to the contractor under the contract, without prejudice to the employer's right to recover the same by the ordinary process of law.

13. **Liquidated damages:** Liquidated damages @ $\frac{1}{2}$ % of the contract amount per week or part there of for delay in completion of the work shall be deducted from the contractor subject to maximum of 10% of the contract amount.
14. **Guarantee:** The entire work carried out shall be guaranteed for 12 months from the date of taking over of these installations by the employer. In the event of any defect/ deficiency being noticed in the functions of the system, which is attributable to the defective materials/design/ workmanship during the guarantee period, the contractor shall make good the same at his cost.
15. **Security Deposit:** Security deposit for the work shall be 10 % of Contract price. This amount shall be recovered from the Contractor's bill. The amount towards security deposit so deducted will be released only after successful completion of the guarantee period and subject to the certification from the Engineer-in-Charge. The security deposit amount will not invite interest. The Employer may at their option forfeit the security deposit if the contractor fails to carry out the work or perform or observe the conditions of contract. The employer will also be at liberty to deduct from security deposit of from any sums of money due or that may become due under contract with the contractor that may become due to the employer. This is without prejudice to the rights of the employer under the terms and conditions.
16. The contractor shall perform all the tests as required by the employer on completion of the electrification work.
17. 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. The Contractor shall be solely liable and responsible for accidents if any, occurring during the period of Contract. Contractor shall insure the workers deployed by him for the work.
18. The Port will in no way be responsible for the loss/damages to the materials in connection with the work.
19. The energy required for testing of equipments engaged for the work shall be supplied by the department at free of cost subject to the availability. In case no power supply is available in the site the same shall be made available by the contractor and conduct the tests as required.
20. The contractor shall make his own arrangements for the temporary connections (construction power) required, if, any and make necessary payment for it direct to the Department concerned. Nothing shall be payable by the employer on this account.
21. **Agreement :** The successful tenderer will be required to execute an agreement at his expense two hundred rupees (Rs 200) Kerala Stamp Paper in the departmental format for the due and proper fulfillment of contract , immediately on receipt of the order.
22. Disputes if any shall be under the jurisdiction of courts in Cochin Corporation limits only.
23. **Engineer in charge-** The Engineer in charge of this work shall be Superintending Engineer (Ele) or his authorized representative.