



COCHIN PORT TRUST
Willingdon Island

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No. D3/ L.T Supply / IOCL/P.Yard/2020

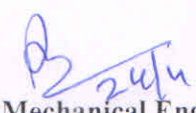
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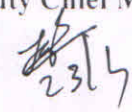
QUOTATION NOTICE

- I. Sealed Quotations in the prescribed format in single Cover system are invited by the Deputy Chief Mechanical Engineer(Ele), Cochin Port Trust, Willingdon Island, Cochin-9 for the work "Providing L.T Service Connection to Container Parking Yard of M/s IOCL at Vallarpadam".
- II. The details regarding the tender are as follows.

Quotation No. & date	: No. D3/ L.T Supply/ IOCL/P.Yard/2020 Date : 23 /04/2020
Estimate amount put to quotation	: Rs.1,58,080/- plus CoPT Service charges of Rs 25153/-
Issue of Quotation document	: From : 23.04.2020 to 3 p.m on 20.05.2020
Last date and time for receipt of quotation	: up to 16.00 hrs. on 20.05.2020
Due date and time for opening of quotation	: at 16:00 hrs. on 20.05.2020
Earnest Money Deposit	: Nil

- III. **MINIMUM QUALIFYING CRITERIA**
Contractor shall have minimum of valid "Class B " contractor's license issued by the Kerala /Central Electricity Licensing Board.
- IV. **Detailed scope of work:-**
The bidder shall quote their rates as per attached Schedule of work as per Annexure I.
- V. **Time of completion.**
The entire work covered under this quotation should be completed in all respects within 45 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 is enclosed as Annexure II and Terms and Conditions enclosed as Annexure-III.


Deputy Chief Mechanical Engineer(Ele) I/C
Cochin Port Trust


23/4

ANNEXURE-I

SCHEDULE OF WORK FOR PROVIDING L.T SUPPLY TO THE CONTAINER PARKING YARD OF M/S IOCL AT VALLARPADAM.					
Sl. No.	Discription of Items	Qty	Unit	Rate (Rs.)	Amount (Rs.)
	PART- A : SUPPLY				
1	Supply of 1.1 kV grade 3.5 core 120 sq.mm XLPE armoured, U.G Aluminium cable	180	Mtrs		
2	Supply of cable gland socket etc. suitable for 3.5 X120 sq.mm cable.	2	sets		
3	Supply of 36 kA ,100 A, 4 Pole , FTAM , MCCB with spreader handle etc.	1	No.		
	PART-B : ERECTION				
1	Excavation of cable trenches after removing the existing paving blocks carefully for a depth of 60 cm for laying 3.5 X 120 sq.mm cable and laying the cable as mentioned in the specification in Annexure-II.	174	Mtrs		
2	Installation of the MCCB mentioned in item no. 2 above in the existing LT panel.	1	No.		
3	Providing cable end termination including glanding and connetcions.	2	sets		
4	Clamping / laying of cable through the wall / cable trench	6	Mtrs		
	Total				
	Total Part A + Part B				
	Grand total				
	GST				EXTRA

SCOPE OF WORK

1. Supply, laying & commissioning of 180 metres 1.1 KV grade, 3.5 x 120 Sqmm XLPE Aluminium cable from the feeder pillar to the meter box at the premises of Parking yard of M/s IOCL at Vallarpadam.
2. The cable laying shall be done in cable trenches after removing the paving blocks care fully .
3. Supply and installation of 100 A , 4 pole FTAM MCCB including spreader and handle.

TECHNICAL SPECIFICATIONS

1. LT XLPE CABLE

The 1.1kV grade 3 ½ crore 120 sq.mm XLPE Aluminium cables shall be of best quality and as per the approved makes given below. The cables shall confirm to relevant India Standards(IS 7098 – Part I). The length of the cables mentioned in the schedule is only approximate and is likely to change. The payment for the cable work will be made on the actual length of the cable used for the work. All routine tests shall be conducted as specified in the relevant standards and test certificate shall be furnished.

SPECIFICATION FOR LAYING OF CABLE:

The cables shall be laid along the cable trenches after removing paving block safely. The trenches shall be 60 cms deep and 30 cms wide throughout. A cushion of good quality clean loose earth shall be provided both above and below the cable. It must not be less than 8 cms in depth of loose earth both above and below the cable. The cable shall be protected by bricks, stone tiles or concrete slabs placed on the top of the loose earth, breadth-wise, for full length of the cable. When more than one cable is to be laid in the same trench, a brick shall be placed in between the cable for the entire length of the cables and the brick /concrete slab /tile placed on top of the loose earth shall cover both the cables and shall project at least 8 cm over the side of the end cables. When excavating a cable trench, a route as direct as possible shall be taken. When it is necessary to divert the cable, the radius of the bend shall not be less than 12 times the diameter.

HDPE pipes shall be provided for road crossing /hard surfaced areas. These pipes shall be laid direct in the ground on firm bed inside trench, the construction details of the trench being given above. Prior sanction shall be obtained from Civil Engineering Department before cutting the road /hard surfaced areas. The cable shall be laid along the route specified by the Engineering -in-charge. The contractor at his own cost shall carry out the refilling and resurfacing /re-concreting work of the trenches and brought to original position after laying the cable/HDPE pipe.

The cables shall be clamped with Aluminium clamp/ strip 2 of mm thickness while drawing the cable along the bridge etc.

2. END TERMINATION

Providing of end terminations for 3 1/2 x 120 Sqmm XLPE AL. Cable with suitable single compression glands.

APPROVED MAKES

- 1) **L.T cable** : CCI / INCAB / Universal / RPG / ECI / NICCO / Gloster / Torrent / Havells / L&T / Finolex / Rallison / Prime cab/ V-Guard/Polycab.
- 2). **MCCB** : Legrand / Merlin Gerin/MK/ ABB/ GE POWER / HAVELLS

Note: For all other materials where the make is not specified above, the samples shall be got approved by the Engineer-in-charge before procurement .

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 " Class B " contractor's license issued by the Kerala /Central Electricity Licensing Board.
3. Clarifications to any queries can be obtained by contacting the Assistant Executive Engineer (Ele), Project, Telephone no. 0484-2582359.
4. Quotations shall be submitted in a sealed envelope super scribing Quotation for " Providing L.T Supply to the Container Parking Yard of M/s IOCL at Vallarpadam " on or before 3 p.m. on 20/05/2020.
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), CPT 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 45 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 @ ½ % 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 Deputy Chief Mechanical Engineer (Ele) or his authorized representative.