



REGIONAL CANCER CENTRE

POST BOX NO.2417

MEDICAL COLLEGE CAMPUS, THIRUVANANTHAPURAM

PIN: 695 011.

PHONE : 2442541(PABX)

GRAMS : 2522220/2522221(ENGG)

**RCC/600/2020-AE ECL/
04th July 2020**

NOTICE INVITING LIMITED TENDER

1. Sealed tenders are invited from the reputed licensed electrical contractor with qualifying requirements as given in the eligibility criteria for the execution of the following work in the Regional Cancer Centre, Thiruvananthapuram.

Name of work	Main cabling and liaison works of CT installation at level 02, Block A RCC.
Earnest Money Deposit (EMD)	Rs.6850/-
Period of issue of tender schedule	From 07/07/2020 2.00PM to , 17/07/2020 12.00 PM
Time of Completion	30 days
Last day for the receipt of filled in quotations	17/07/2020, 2.00PM
Date of opening of tender	17/07/2020, 3.00PM

2. Earnest Money deposit (EMD) should be by way in Demand draft, drawn in favour of "The Director, Regional Cancer Centre, Thiruvananthapuram".
3. Tender superscripting name of work, date of submission, the name and address of the bidder shall be submitted in sealed envelopes addressed to "The Head of Division, Engineering Division, Regional Cancer Centre at Thiruvananthapuram": to reach him on or before 2 PM on 17/07/2020. The envelope containing the EMD, electrical contracting license issued from Kerala State Electrical Inspectorate, price bid with all supporting documents will be opened at 3.00PM on the same day in the presence of bidders or their authorised representatives.

4. Eligibility Criteria

- i. The bidder should have completed similar type of works in last two years.
- ii. The bidder should have a valid Electrical contractor license issued by Kerala state electricity licensing board authorizing the bidder to carry out all the works included in the tender.
- iii. Bids of those bidders who, do not satisfy the above requirements will not be considered.

5. The scope of work involves:

- i. Supply and laying of main cable of 2Runs 3.5Core 300Sq.mm A2XFY from main substation of RCC to CT Electrical room at Level 02,Block A RCC Trivandrum.
- ii. Supply and fixing of cable trays.
- iii. Liaison works with Kerala State Electrical Inspectorate to obtain sanction for energization certificate. Total capacity of the machine is 302kVA.

6. Tender schedule which is non-transferable can be had from the Head of Division, Engineering Division, Regional Cancer Centre at Thiruvananthapuram on all working days or from RCC website from 2PM on 07/07/2020 to 2.00 PM on 17/07/2020. Further details and clarifications can be had from the Head of Division, Engineering Division of the Regional Cancer Centre, Thiruvananthapuram. Tender shall not be sent by post.

7. The terms and conditions are given in Annexure-I and Schedule of quantity (Price bid) in Annexure -II.



**HOD
ENGINEERING DIVISION**

Copy to :

1. Notice Board
2. RCC Website
3. O.C

ANNEXURE-I
TERMS AND CONDITIONS OF CONTRACT

- 1) The tender should quote item rate / % rate and the same should be recorded in figures as well as in words for all the items in the schedule. Correction if any shall be attested by signature. No erasures or overwriting is permissible. The contractor should sign all the pages of tender documents. The tender submitted incomplete in any respect is liable to be rejected.
- 2) The rate quoted shall include all taxes, duties or any other statutory charges levied by the State Government or its authorized agencies, all contingent expenditure, insurance carried by contractor for his workers, third party liability, and other facilities required for execution of the work.
- 3) The EMD shall be furnished for the amount specified in the tender in the form of Demand draft/FD in favour of "The Director, RCC, Thiruvananthapuram". No interest shall be payable for the EMD. Tender not accompanied with prescribed EMD is liable to be rejected. The EMD of unsuccessful tenders other than the lowest three shall be refunded after tabulation. The EMD of the 2nd and 3rd lowest tenders shall be released only after execution of agreement by the successful tenderer. The EMD of the successful tenderer shall be forfeited if he fails to execute agreement and commence the work within the period specified in the work order.
- 4) The tender will be considered firm for a period of 90 days from the date of opening of the tender, which period may be extended by mutual agreement and the tenderer shall not alter/ cancel or withdraw the offer during the period.
- 5) The Director reserves the right not to accept the lowest tender and also to reject any or all tenders without assigning any reason what so ever.
- 6) The security deposit will be collected by deduction from running bills/final bills of contractors at rate mentioned below. A sum @ 10% of the gross amount of the bill shall be deducted from each bill of the contractor till the sum along with the sum already deposited as earnest money deposit constitutes 10% of the total amount of contract.
- 7) The contractor shall execute the whole and every part of the work in the most substantiated and workman like manner both as regards materials and otherwise in every respect in strict accordance with the detailed specifications in the schedule of work. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of work assigned by the concerned Engineer of RCC.

HOD, ENGINEERING DIVISION

ELECTRICAL CONTRACTOR

- 8) If the contractor fails to complete the work in the stipulated time/date specified in the NIT/work order, the time of completion shall be extended after levying penalty @ 1.5% per month of delay to be computed on per day basis of the total tendered value of the work , subject to a maximum of 10% of the contract amount. The levy of fine shall be avoided if the delay in the Completion/execution is due to force majeure clauses or for reason which are beyond the control of the contractor or hindrance not due to any fault on the part of the contractor. In such cases the contractor has to request to the competent authority in writing within 7 days of date of hindrance. The decision of the Director in this regard will be final.
- 9) The employer (Director) shall have the power to make alterations in, omissions from, additions to, or substitution of the original specification, drawings, design etc that may appear to him to be necessary during the course of work. The contractor shall carry out the work in accordance with any instructions given to him in writing and such additions, omission or substitution shall form part of the contract as if originally provided there at and shall be carried out by the contractor on the same terms and conditions in all respects including price on which he agreed to do the original work. The time for the completion of the work shall be extended in the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus 25% of the time so calculated or such further additional time as may be considered reasonable by the employer(Director)

The rate for altered, additional or substituted work shall be determined as follows:

The additional /alternates/substitution work has to be done only after prior approval in writing.

- I. If the rate for altered, additional or substituted item of work is specified in the schedule of quantities, the contractor shall carry out these items at the same rate.
- II. If the rate for any altered, additional or substituted item of work is not specified in the schedule of quantities, the rate for that item shall be derived from the rate for the nearest similar item specified there in.
- III. If the rate of altered, additional or substituted item of work cannot be determined in the manner specified in sub paragraph (i), (ii) above then such work, shall be carried out at the rate entered in current Delhi Schedule of Rates plus or minus the percentage by which the tendered amount of the works actually awarded is higher or lower than the corresponding estimated amount of the entire works actually awarded.

HOD, ENGINEERING DIVISION

ELECTRICAL CONTRACTOR

- IV. If the rate for altered, additional or substituted item of work is not in the schedule of rates, and cannot be determined in the manner specified paragraph (ii) and (iii) above, the rate for such part or part will be determined based on the market rate(s) prevailing during the month when the work immediately according to the date of approval of work done plus 10%(ten percent only) for contractors profit and 5% overheads. The tender deduction or excess will not be applicable in such cases.
- V. If the rate of altered, additional or substituted item of work cannot be determined in the manner specified in sub paragraph (i) to (iv) above, the contractor shall within 7 days from the date of receipt of the order to carry out the said items of work, inform the employer (Director) the rates which he intends to charge supported by the analysis of the claim and the employer shall determine the rate on the basics of the market rates. If the contractor fails to inform the rate within the specified period, the rate arrived at by the employer will be deemed as final and binding on the contractor. Under no circumstances the contractor shall suspend the work for non-settlement of claim under this clause.
- 10) The maintenance period of works costing Rs.1,00,000/-(Rupees one lakh) and below shall be six months and for works costing above one lakh , 12 months since date of completion recorded by the Engineer-in-charge. The security deposit shall be released after 28 days from the date of completion of the maintenance period as the case may be. Any damage noticed during the maintenance period shall be made good by the contractor at his cost, failing which the employer shall arrange to rectify the defects at the risk and cost of the contractor and the expenditure incurred shall be recovered from his security deposit.
- 11) The selected bidder shall produce a security deposit equal to 10% of the final bill value in the form of Bank Guarantee from any nationalized or scheduled Bank which shall remain valid till 28 days from the completion of the defect liability period.
- 12) The contractor shall not without the previous sanction in writing from the employer either sub- contract or execute power of attorney in respect of any matter provided in the contract awarded to him.
- 13) The contractor has to make his own arrangements for water and electricity required for the work. In unavoidable circumstances contractor will be permitted to consume water/electricity from the employers premises on request in writing and 1% charge will be levied for usual work and a necessary charges will be levied from the bill for high demand if any, occurred during work execution.

HOD, ENGINEERING DIVISION

ELECTRICAL CONTRACTOR

- 14) Contractor may visit the site of the proposed work, before quoting his rate and satisfy himself as to the condition of soil, facility for transport and storage of materials, availability of water, electricity etc and no extra claim or extension of contract period under the above account shall be entertained after the contract has been awarded.
- 15) The contractor shall employ for the execution of the works only such persons, as are skilled and experienced in their several trades and the concerned Engineer of RCC shall be at liberty to object to and require the contractor to remove from the works any person employed by the contractor in the execution of the work who in the opinion of the concerned Engineer of RCC involved in misconduct or is incompetent or negligent in the proper performance in his duties and such person shall not be again employed for the works without the permission of the concerned Engineer of RCC.
- 16) The Director of RCC shall settle any kind of disputes arising out of or in connection with the contract. If the contractor is not satisfied with the decision of the Director, he may approach the Court of law, for which the legal jurisdiction shall be Thiruvananthapuram. However, the contractor should ensure to continue the work as per schedule and complete the same irrespective of such pending legal disputes, if any.
- 17) The Director of RCC shall be at liberty to deduct any amount of money as determined by him in respect of damages caused to the institutes property by the contractor/ his representatives or his workmen while carrying out the contract or otherwise from any amount due to the contractor.
- 18) For conditions other than those mentioned above the relevant clauses in Kerala PWD manual and "Conditions for contract in Kerala PWD" shall be applicable.
- 19) Terms of payment

No part & Running bill will be paid. Payment will be made only on completion of work and final submission of bill. Payment within a period of 30 days of submission of bill may be considered provided the bill submitted is free of defects and accompanied with satisfactory completion report.

HOD, ENGINEERING DIVISION

ELECTRICAL CONTRACTOR



**REGIONAL CANCER CENTRE,
THIRUVANANTHAPURAM**

**Schedule of quantities of main cabling and liaison works of CT installation
at Level 02,Block A RCC Tvm**

SI	ITEM DESCRIPTION	UNIT	QTY	RATE	TOTAL AMOUNT Rs.
1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing masonry open duct as required.				
a	Above 185 sq. mm and upto 400 sq. mm	Mtr	30		
2	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on cable tray as required.				
a	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	Mtr	120		
3	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
a	3½ X 300 sq. mm (70 mm)	Each	4		
4	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	200		
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
a	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sq.m	5		
6	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	Each	4		
7	Supply of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1kV grade size of Aluminium 3.5Core 300sq.mm	Mtr	150		

8	The professional charges for liasoning work and departmental procedures required for the completion of electrical installation of CT machine.All statutory fees will be paid by RCC.The works includes preparation and submission of statutory drawings to electrical inspectorate,arranging inspections and obtaining sanction for energisation certificate from KSEI.	LS	1		
Total amount					
GST@18%					
Grand Total Rs.					
Round off Rs.					

In words,Rupeesonly.

I.....(Name and address of the tenderer) hereby agree to undertake the above work and complete the work as per specification and as per the instructions of the Engineer in charge.

Seal and Signature of tenderer

Approved Make of Materials		
1	LT 1.1kV grade Al XLPE cable	Polycab/Finolex/Havells
2	MS Angles	Tata/Kalinga/Jindal
3	Cable gland/Lugs	Dowells/Comet/HMI