

# **REGIONAL CANCER CENTRE**

**POST BOX NO.2417**

**MEDICAL COLLEGE CAMPUS, THIRUVANANTHAPURAM**

**PIN: 695 011.**

**PHONE: 2442541(PABX)**

**GRAMS : 2522220/2522221(ENGG)**

## **NOTICE INVITING TENDER**

1. Sealed item rate tenders are invited from the contractors for the following work in the Regional Cancer Centre, Thiruvananthapuram namely **“CIVIL WORKS REQUIRED FOR THE INSTALLATION OF AIR COMPRESSOR IN MEDICAL GASPLANT .”**

Probable amount of contract : Rs. 3, 54, 586/-

Earnest Money Deposit (EMD) : Rs. 8, 865/-

Period of issue of quotations schedule : From 10 AM on 07/07/2020 to 1PM on 18/07/2020

Last day for the receipt of filled in quotations: 2PM on 18/07/2020

2. The scope of work is including to:
  - Pedestal for machine and Flooring works.
  - Extended covered area for the installation of machine and cylinders.
  - Fire proof wall between cylinder stack area and machine room.
  - Identification markings of machine rooms and cylinder rooms.
  - Proper rerouting of drainage and rainwater systems.
3. Tender schedule which is non-transferable can be had from the Head, Engineering Division, Regional Cancer Centre at Thiruvananthapuram on all working days from 07/07/2020 to 18/07/2020 up to 1.00 pm. Further details and clarifications can be had from the Head, Engineering Division of the Regional Cancer Centre, Thiruvananthapuram. Tender shall not be sent by post.
4. Tender Super scribing the name of work, date of submission and name and address of the tenderer shall be submitted in wax sealed envelope and submitted to Engineering Division by hand addressed to ‘The Director, Regional Cancer Centre, Medical College P.O,Thiruvananthapuram-695 011, so as to reach him on or before 18/07/2020 up to 2.00 pm. The EMD shall be drawn in favor of the Director, Regional Cancer Centre, Thiruvananthapuram.
5. The tender will be opened on the same day at 03.00pm in the presence of the tenderer or their authorized representatives.

The terms and conditions are given in Annexure-I and schedule of Quantity in Annexure II

**NO.RCC/ENG/10/2020 /186 Dated 02/07/2020**

**Copy to: 1. Notice Board  
2. O.C**

  
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## **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 "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 2<sup>nd</sup> and 3<sup>rd</sup> 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 30 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, RCC 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 authority.
- 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 major 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.

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- 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.
  - 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 and 1% of water charge. 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 concerned authority, the rates which he intends to charge supported by the analysis of the claim and the authority 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 concerned authority in RCC. Any damage noticed during the maintenance period shall be

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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 will be levied 1% of total amount of the project for usual works and a necessary charges will be levied 1% of total amount of the project for usual works and a necessary charges will be levied from the bill for high demand if any, occurred during work execution.
- 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 authority 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 authority 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 authority 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 authority 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 Secretary, 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.

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- 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) If the Owner wants to occupy areas in part, the Contractor shall complete the work of these areas in conjunction with the Owner and hand over the same to the Owner without affecting any of the clauses of Contract Agreement.
- 20) The Contractor should inspect the source of materials, their quality, quantity and availability. All materials must strictly comply with the relevant B.I.S./I.S specifications.
- 21) Suitable area (open) outside the hospital building shall be allowed to the Contractor for fabrication works.
- 22) Terms of payment

**23) SHOP DRAWINGS**

The contractor shall prepare detail drawing for site measurement. Drawings shall indicate each material, its installation, fixing details, finishing, and etc. all in plan, elevation, section and typical details and will have to get the same approved from the Client before execution of work.

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.

**ANNEXURE -II****Bill of Quantity**

<b>Sl.No</b>	<b>DETAILS OF ITEM</b>	<b>QUANTITY</b>	<b>RATE</b>	<b>UNIT</b>	<b>AMOUNT</b>
<b>CIVIL WORKS</b>					
1	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	1		Cum	
2	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	210		kg	
3	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.				
3.1	All kinds of soil	10		Cum	
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	2		Cum	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
5.1	1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	2		Cum	
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				

6.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	7		Cum	
7	Centering and shuttering including strutting, propping etc. and removal of form for :				
7.1	Foundations, footings, bases of columns, etc. for mass concrete.	5		Sqm	
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete Thermo-Mechanically Treated bars.	92		Kg	
9	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 ( 1 cement: 6 coarse sand) etc complete.	4		Cum	
10	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)				
10.1	Lintel	1		Cum	
11	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
11.1	Lintels, beams, plinth beams, girders, bressumers and cantilevers	6		Sqm	
12	12 mm cement plaster finished with a floating coat of neat cement of mix :				
12.1	1:3 (1 cement: 3 fine sand)	48		Sqm	
13	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface				
13.1	Water thinnable cement primer	48		Sqm	

14	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour				
14.1	Two coats	52		Sqm	
15	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.	989		Kg	
16	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	62		Sq.m	
17	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
17.1	Gutter (600 mm over all girth)	16		m	

18	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work including two coats of zinc chromate primer complete	49		Sqm	
<b>TOTAL</b>				₹	
<b>Add 18% @GST</b>				₹	
<b>GRAND TOTAL</b>				₹	

### Declaration

I.....  
.....(Name and Address of the quotationer) hereby agree to complete the work for a lump sum amount of Rs..... In figure)..... (In words) as per the specification and as per the instruction of Engineer- in - charge.

Place:-  
Date:-

Signature:-  
Name:-

**LIST OF APPROVED MAKE:**

<b>SL. NO.</b>	<b>DESCRIPTION</b>	<b>LIST OF MANUFACTURER / MAKES</b>
1	STRUCTURAL STEEL	STEEL AUTHORITY OF INDIA LTD
		TATA STEEL
		VIZAG
		JINDAL
2	CEMENT - OPC 53 GRADE AND PPC	ULTRATECH CEMENT
		BIRLA GRASIM INDUSTRIES LTD
		ACC LTD.
		ZUARI CEMENT
		INDIA CEMENT
3	SYNTHETIC ENAMEL	KANSAI NEROLAC PAINTS LTD
		JOTUN
		BERGER PAINTS INDIA LIMITED
		ASIAN PAINTS PRIVATE LIMITED
4	SOLID CONCRETE BLOCKS	AEON
		BESSAR
		ADITYA PRECAST PRODUCTS
		ISHA CONCRETE BLOCKS
		LITE ROOF CONCRETE PRODUCTS
5	GALVANIZED SHEET	JSW
		TATA
		ESSAR

6	ACRYLIC EMULSION PAINT	ASIAN PAINTS PRIVATE LIMITED
		BERGER PAINTS INDIA LIMITED
		ICI - DULUX
		NEROLAC
7	CEMENT PRIMER	NEROLAC
		WHITE PRIMER (ICI)
		ASIAN PAINTS PRIVATE LIMITED
		BERGER PAINTS INDIA LIMITED
8	TOR STEEL (ROLLED)/TMT STEEL	SAIL
		TATA STEEL
		VIZAG