



## ABSTRACT

Tamil Nadu Innovation Initiatives (TANII) Schemes – Procurement of Machinery and Equipment to the Real Time Polymerase Chain Reaction (RTPCR) Testing Centre in Five Government Medical Colleges Hospitals at Villupuram, Vellore, Dharmapuri, Salem and Thanjavur at a cost of Rs.218.25 lakh under Tamil Nadu Innovation Initiative (TANII) (Round-II) for the year 2017-2018 –Sanctioned – Orders - Issued.

### HEALTH AND FAMILY WELFARE (J1) DEPARTMENT

G.O. (Ms.) No.94

Dated: 22.03.2018

திருவள்ளூர் ஆண்டு -2049

ஹேவிளம்பி, பங்குனி - 08

Read :

From the Mission Director, State Health Society, Chennai,  
Letter Ref. No.386/P9/SHS/ 2018, Dated 18.01.2018.

\* \* \* \* \*

#### ORDER:-

The Mission Director, State Health Society in his letter read above has stated that at present, the Real Time Polymerase Chain Reaction (RTPCR) Equipment, which is used for the diagnosis of AH1N1, Hepatitis-C, is available in the following Medical Colleges / Hospitals only:-

- (i) Madras Medical College, Chennai;
- (ii) Madurai Medical College, Madurai;
- (iii) Coimbatore Medical College Hospital, Coimbatore;
- (iv) Tirunelveli Medical College Hospital, Tirunelveli;
- (v) KAP Viswanatham Government Medical College, Tiruchirappalli;  
and
- (vi) Theni Medical College Hospital, Theni.

2. The Mission Director, State Health Society has, further, stated that this equipment is required to diagnosis the Swine Flu – AH1N1, Hepatitis – C, HSV, Enterovirus, Serub Typhus, etc.. Suspected cases from other districts have to travel to the 6 Centres for testing which is being very strenuous especially during epidemics. Hence, availability of Testing facility nearer helps in quick confirmation of suspect cases and ruling out the diagnosis. Hence, a proposal has been placed before the State Planning Commission to establish Real Time Polymerase Chain Reaction (RTPCR) Equipment Centres in the following Medical College Hospitals:

- i. Government Mohan Kumaramangalam Medical College Hospital, Salem;
- ii. Government Dharmapuri Medical College Hospital, Dharmapuri;

- iii. Government Vellore Medical College Hospital, Vellore;
- iv. Government Villupuram Medical College Hospital, Villupuram;
- v. Government Thanjavur Medical College Hospital, Thanjavur.

The proposal has been placed before the State Planning Commission under Tamil Nadu Innovative Initiatives (TANII) for the year 2017-2018 (Round II) and got approved during the meeting of the State Planning Commission at a cost of Rs.218.25 lakh for non-recurring cost (Machinery and Equipment).

3. In view of the above, the Mission Director, State Health Society has requested the Government to issue orders on the following points:

- 1) Permit the Mission Director to establish Real Time PCR testing Centres at the 5 Government Medical College Hospitals at Villupuram, Vellore, Dharmapuri, Salem and Thanjavur through TANII funds from the State Planning Commission;
- 2) Sanction an amount of Rs.218.25 lakh towards establishment of Real Time PCR Testing Centres to the five Government Medical College Hospitals @ Rs.43,65,000/- per Centre from State Planning Commission-TANII funds.
- 3) Permit the Mission Director, National Health Mission to procure the Real Time PCR equipment to the 5 Government Medical College Hospitals at Rs.37,70,000 per Centre (Total Rs.1,88,50,000/-).
- 4) Permit the Mission Director, National Health Mission to procure the Computer and accessories for the Real Time PCR Testing Centre to the 5 Government Medical College Hospitals @ Rs.90,000/- per centre (Total Rs.4,50,000/-)
- 5) Permit the Mission Director, National Health Mission to release the amount for equipment @ Rs.5.05 lakh per centre to the Dean of the concerned institution to procure the equipment for Real Time PCR Testing Centre through Local Purchase following the codal procedures (Total Rs.25,25,000/-)

4. The Government, have examined of the proposal of the Mission Director, State Health Society and accord permission to the Mission Director, State Health Society, Tamil Nadu to procure Machinery and Equipment to the Real Time Polymerase Chain Reaction (RT-PCR) Testing Centre at the following five Government Medical College Hospitals at a cost of Rs.218.25 lakhs (Rupees two Crore and eighteen lakh and twenty five thousand only) through State Innovation Fund under Tamil Nadu Innovative Initiatives:

- i. Government Villupuram Medical College Hospital, Villupuram;
- ii. Government Vellore Medical College Hospital, Vellore;
- iii. Government Dharmapuri Medical College Hospital, Dharmapuri;
- iv. Government Mohan Kumaramangalam Medical College Hospital, Salem;
- v. Government Thanjavur Medical College Hospital, Thanjavur.

5. The Government have also permitted the Mission Director, State Health Society to incur the expenditure sanctioned in para 4 above for the Real Time Polymerase Chain Reaction (RTPCR) Testing Centre at the above said five Government Medical Colleges as detailed in the annexure to this order.

6. The amount sanctioned in para 4 above shall be debited to the following head of account :-

"2210 - Medical and Public Health - 01 Urban Health - 110 Hospitals and Dispensaries - State's Expenditure - LQ. Machineries and Equipments for Real Time Polymerase Chain Reaction Lab under State Innovation Funds - 19 Machinery and Equipment - 01- Purchase."  
(DPC - 2210 - 01 - 110 - LQ - 1915)

The amount shall be met from the State Innovation Fund by deducting under the following head of account:-

2210 - Medical and Public Health - 01 - Urban Health Services - 902 - Deduct amount met from State Innovation Fund - JB - Deduct amount met from State Innovation Fund - 30 - Inter Account Transfer (DPC 2210-01-902-JB-3005)

And contra debiting the following fund account:-

J - Reserve Fund (b) Reserve Funds not bearing interest - 8229-00- Development and Welfare Funds - 200 - Other Development and Welfare Funds - BE - State Innovation Fund (DPC - 8229-00-200-BE-0006 (Outgo))

7. The Mission Director, State Health Society is authorized to draw and disburse the amount sanctioned in para 3 above to the Personal Deposit Account of the Managing Director, Tamil Nadu Medical Services Corporation Limited, Chennai, Electronic Corporation of Tamil Nadu Limited (ELCOT) and the Deans of the above said Medical College Hospitals respectively as detailed below:-

(i) to procure and instal the equipment through Tamil Nadu Medical Services Corporation Limited (TNMSC) at a cost of Rs.188.50 lakh

(ii) to procure the Computers, etc through the Electronic Corporation of Tamil Nadu Limited (ELCOT) at a cost of Rs.4.50 lakh.

(iii) The other items viz. electrical, electronics, furniture and lab equipments at a cost of Rs.5.05 lakh per centre, totaling at a cost of Rs.25.25 lakh (Rs.5.05 lakh x 5 = Rs.25.250 lakh) (Rupees twenty five lakh twenty five thousand only) from the local purchase by the Deans of the Government Medical College Hospitals.

8. Further, the said amounts shall be credited to the Personal Deposit Account of the respective organization for procuring the items.

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9. This order issues with the concurrence of the Finance Department vide its U.O. No.12589/Health-I/2018, dated 20.03.2018.

(BY ORDER OF THE GOVERNOR)

J. RADHAKRISHNAN  
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Mission Director, State Health Society, Chennai – 600 006.

The Director of Medical Education, Chennai – 600 010.

The Deans of the respective Government Medical College Hospitals.

The Pay and Accounts Officer (South), Chennai – 600 015.

The District Treasury Officer, Villupuram / Vellore / Salem / Dharmapuri / Thanjavur Districts.

The Principal Accountant General, Chennai – 600 035.

The Managing Director, Tamil Nadu Medical Services Corporation Limited, Chennai – 600 008.

The Managing Director, ELCOT Ltd., 692, M.H.U. Complex, II Floor, Anna Salai, Nandanam, Chennai – 600 035.

**Copy to:**

The Planning Development and Special Initiatives Department, Chennai – 600 009.

✓ The State Planning Commission, Chepauk, Chennai – 600 005.

The Finance (Health-II/BG-II) Department, Chennai – 600 009.

The Health and Family Welfare (Data Cell / S) Department, Chennai – 600 009.

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//FORWARDED BY ORDER//

*al. G. S. G. 01*  
SECTION OFFICER

*22/3/18*

**ANNEXURE TO G.O. (Ms.) No.94, HEALTH AND FAMILY WELFARE (J1)**

**DEPARTMENT, DATED 22.03.2018**

**Equipment Details for Real Time PCR testing center in Government Medical College Hospital at Salem, Dharmapuri, Vellore, Villupuram and Thanjavur**

S. No.	Name of the Item	Mode of Procurement	No. Required	Approx cost per Unit (in Rs.)	Amount for 1 centre (in Rs.)	Amount for 5 centers (in Rs.)
1	Real Time PCR system	TNMSC	1 No.	13,20,000	13,20,000	66,00,000
2	Bio-safety cabinet – class II b 1	TNMSC	3 Nos.	2,00,000	6,00,000	30,00,000
3	Deep Freezer – 80c	TNMSC	1 No.	9,00,000	9,00,000	45,00,000
4	Deep Freezer -20c	TNMSC	2 Nos.	1,50,000	3,00,000	15,00,000
5	Microprocessor control programmable centrifuge	TNMSC	1 No.	3,00,000	3,00,000	15,00,000
6	Variable vol Micropipettes (autoclavable)	TNMSC	0-5-5ul (3 Nos.)	10,000	30,000	1,50,000
		TNMSC	2-20ul (3 Nos.)	10,000	30,000	1,50,000
		TNMSC	20-200ul (3 Nos.)	10,000	30,000	1,50,000
		TNMSC	100-1000ul (3 Nos.)	10,000	30,000	1,50,000
		TNMSC	50-5000ul (1 No.)	10,000	10,000	50,000
7	Diesel Generator – 5 KVA	TNMSC	1 No.	2,20,000	2,20,000	11,00,000
<b>TNMSC-Total</b>					<b>37,70,000</b>	<b>1,88,50,000</b>
8	Computer with accessories	ELCOT	1 No.	70,000	70,000	3,50,000
9	Color laser printer	ELCOT	1 No.	20,000	20,000	1,00,000
<b>ELCOT-Total</b>					<b>90,000</b>	<b>4,50,000</b>
10	Split AC-1 5 Tones	Local Purchase	3 Nos.	45,000	1,35,000	6,75,000
11	Lab Furniture	Local Purchase	-	2,00,000	2,00,000	10,00,000
12	Online UPS – 3 KVA	Local Purchase	1 No.	40,000	40,000	2,00,000
13	Refrigerator – 310 Lit	Local Purchase	2 Nos.	50,000	1,00,000	5,00,000

S. No.	Name of the Item	Mode of Procurement	No. Required	Approx cost per Unit (in Rs.)	Amount for 1 centre (in Rs.)	Amount for 5 centers (in Rs.)
14	Vortex Mixture	Local Purchase	2 Nos.	6,000	12,000	60,000
15	Pipettes stand – 3 Nos.	Local Purchase	3 Nos.	2,000	6,000	30,000
16	Rack for PCR tubes	Local Purchase	4 Nos.	1,000	4,000	20,000
17	Lab cooler	Local Purchase	1 No.	8,000	8,000	40,000
<b>Local Purchase -Total</b>					<b>5,05,000</b>	<b>25,25,000</b>
<b>Total Cost</b>					<b>43,65,000</b>	<b>2,18,25,000</b>

J. RADHAKRISHNAN  
PRINCIPAL SECRETARY TO GOVERNMENT

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*21-5-2018*  
*100*  
SECTION OFFICER

*22/3/18*