



ABSTRACT

Announcement – Provision of funds towards the establishment of Radio Frequency Identification Device (RFID) Solution at Blood Banks of Rajiv Gandhi Government General Hospital, Chennai and Government Rajaji Hospital, Madurai – Sanctioned – Orders - Issued.

HEALTH AND FAMILY WELFARE (EAPI-2) DEPARTMENT

G.O.(Ms)No.549

Dated: 09.12.2021
Thiruvalluvar Aandu – 2052
Pilava, Karthigai – 23

Read :

From the Project Director, Tamil Nadu State AIDS Control Society / Tamil Nadu State Blood Transfusion Council Letter Ref. No.4822/TANSACS/BS/B1/2021, dated: 15.09.2021.

ORDER:

The Hon'ble Minister for Health and Family Welfare has made the following Announcement in the floor of the Tamil Nadu Legislative Assembly:-

(Announcement No.51):

“மதுரை அரசு இராஜாஜி மருத்துவக் கல்லூரி மருத்துவமனை மற்றும் சென்னை இராஜீவ் காந்தி அரசு பொது மருத்துவமனைகளில் செயல்படும் இரத்த வங்கிகளில், இரத்த வகைபாடுகளை (Blood grouping) உறுதிப்படுத்தவும், நோயாளிகளுக்கு சரியான இரத்த வகைப்பாடுள்ள இரத்தம் செலுத்தி, பாதுகாப்பை உறுதிப்படுத்தும் வகையில் இரத்த சேகரிப்பு பைகளை கண்காணிக்க ரூபாய் 2.08 கோடி செலவில் கதிரியக்க அலைவீச்சு கருவி (Radio Frequency Identification Device) வழங்கப்படும்”.

2. Based on the above announcement, the Project Director, Tamil Nadu State AIDS Control Society / Tamil Nadu State Blood Transfusion Council in his letter read above has stated that the Tamil Nadu State Blood Transfusion Council (TNSBTC) is functioning under Tamil Nadu State AIDS Control Society (TANSACS) is managing 94 Government Blood Banks in Tamil Nadu. Around 4 lakh blood units are collected from voluntary donors every year across these 94 Government blood banks and blood components are prepared for the use of the needy patients. Each blood bank is managed by a Blood Bank Medical Officer, assisted by a team of Staff Nurse, Counsellor and Lab Technician. The blood units are stored in Blood Bank Refrigerator as per the norms and issued based on the requirement. He has justified to establish Radio Frequency Identification Device (RFID) Solution delivers in the critical functions as following:-

- i) Inventory Management in Real time – Local & Remote
- ii) Transportation – Tracking from dispatch to reception
- iii) Safety at patient bedside – Transfusion of the right blood to the right patient
- iv) Data Management

and the Major Key benefits of Radio Frequency Identification Device (RFID) Solution are as follows:-

- i) Radio Frequency Identification Device (RFID) solution ensures the full traceability of blood products – Vein to Vein
- ii) Inventory management in real time – Local & Remote
- iii) Transportation – Tracking from dispatch to reception
- iv) Right Blood Product to Right Patient
- v) Minimize wastage of critical blood products
- vi) Threshold Alert System
- vii) Shelf life Management
- viii) Decrease in the number of human errors as well as efforts Documentation for regulatory audits.

To strengthen and trace the blood products from vein to vein, he has requested to provide Radio Frequency Identification Device (RFID) Solution to Blood Banks of Rajiv Gandhi Government General Hospital, Chennai and Government Rajaji Hospital, Madurai for an amount of Rs.2.08 Crore.

3. In the 41st Executive Committee Meeting of National Health Mission – Tamil Nadu held on 17.06.2021, the Committee has approved and permitted the National Health Mission – Tamil Nadu to utilize the funds of Rs.2.08 Crore approved in the Record of Proceedings 2021-2022 to establish Radio Frequency Identification Device (RFID) Solution to Blood Banks of Rajiv Gandhi Government General Hospital, Chennai and Government Rajaji Hospital, Madurai and also to release the said amount to the Managing Director, Tamil Nadu Medical Service Corporation Limited towards procurement and supply of requirements to the Radio Frequency Identification Device (RFID).

4. The breakup details of fund for Radio Frequency Identification Device (RFID) Solution under FMR Code 18.1.2 as follows:-

(Inventory Local & Remote, Transport & Patient Safety at bedside)						
Sl. No.	Description	Pack Size	Qty	Unit Rate (in Rupees)	Total Amount (in Rupees)	Remarks
1	RFID Enabled Smart Storage kit	Unit	4	12,00,000	48,00,000	Inventory Management Local Mother Blood Bank Inventory Management for 1400 – 1450 PRBC
2	RFID Encoder and Reader	Unit	2	1,50,000	3,00,000	
3	Software Suit – encoding and Inventory	Unit	1	9,00,000	9,00,000	

4	RFID Enabled Smart Storage kit	Unit	1	12,00,000	12,00,000	Inventory Management Remote – Per Storage Centre
5	RFID Encoder and Reader	Unit	1	1,50,000	1,50,000	
6	Software Suit – Inventory	Unit	1	4,50,000	4,50,000	
7	RFID Patient Safety Application	Unit	5	35,000	1,75,000	
8	RFID Patient Safety Application Desk License	Unit	1	4,25,000	4,25,000	
9	RFID Handheld Device	Unit	5	50,000	2,50,000	Transportation – (From Mother Blood Bank to One storage center)
10	Biolog-id Temperature Monitoring System	Unit	2	60,000	1,20,000	
11	RFID Tunnel for Mass reading of Blood Units 30 Units PRBC - one at dispatch & other at reception (For Single unit reading RFID encoder / Reader can be used)	Unit	2	6,00,000	12,00,000	
12	Transport Application	Unit	1	4,00,000	4,00,000	
Total amount - per unit					1,03,70,000	
Total amount (rounded off) - per unit					1,04,00,000	
Total amount for 2 units - (Rs. 1,04,00,000 x 2) Blood Banks of Rajiv Gandhi Government General Hospital, Chennai & Government Rajaji Hospital, Madurai					2,08,00,000	

5. The funds of Rs.2.08 Crore have already been released to the Tamil Nadu Medical Services Corporation Limited by the Mission Director, National Health Mission.

6. The Project Director, Tamil Nadu State AIDS Control Society / Tamil Nadu State Blood Transfusion Council has requested the orders of the Government on the following:-

- i) To permit him to establish Radio Frequency Identification Device (RFID) Solution at Blood Banks of Rajiv Gandhi Government General Hospital, Chennai and

Government Rajaji Hospital, Madurai for full traceability of blood products from vein to vein at the cost of Rs.2.08 Crore (Rupees Two Crore Eight Lakh only).

- ii) To ratify the action of Mission Director, National Health Mission in having released an amount of Rs.2.08 Crore (Rupees Two Crore Eight Lakh only) and issued Proceeding Order to Tamil Nadu Medical Services Corporation Limited for the procurement of essential equipments for the same based on the announcement.

7. The Government after careful consideration of the above and have decided to accept the same and accordingly issue the following orders:-

- i) The Project Director, Tamil Nadu State AIDS Control Society / Tamil Nadu State Blood Transfusion Council is permitted to establish Radio Frequency Identification Device (RFID) Solution at Blood Banks of Rajiv Gandhi Government General Hospital, Chennai and Government Rajaji Hospital, Madurai for full traceability of blood products from vein to vein at the cost of Rs.2.08 Crore (Rupees Two Crore Eight Lakh only).
- ii) The action of Mission Director, National Health Mission in having released an amount of Rs.2.08 Crore (Rupees Two Crore Eight Lakh only) and issued proceeding order to Tamil Nadu Medical Services Corporation Limited for the procurement of essential equipments is ratified.

8. This order issues with the concurrence of the Finance Department vide its U.O. No.55177/Finance (Health-II)/ 2021, Dated: 07.12.2021.

(BY ORDER OF THE GOVERNOR)

J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Project Director, Tamil Nadu State AIDS Control Society /
Tamil Nadu State Blood Transfusion Council, Chennai-8.
The Mission Director, National Health Mission, Chennai-6.
The Director of Medical Education, Chennai-10.
The Managing Director, Tamil Nadu Medical Services Corporation Limited, Chennai-8
The Accountant General (A&E), Chennai- 18.
The Pay and Accounts Officer (South), Chennai-35
The Commissioner of Treasuries and Accounts, Nandhanam, Chennai-35.

Copy to:

The Hon'ble Chief Minister Office, Chennai-9.
The Special Personal Assistant to Hon'ble Minister (Health & Family Welfare), Chennai-9.
The Principal Private Secretary to Chief Secretary, Chennai-9.
The Finance (Health-II) department, Chennai-9

✓ The Health & Family Welfare (Data cell) Department, Chennai-9.
SF/SCs.

//FORWARDED BY ORDER //

SECTION OFFICER

9/12/2021