

**Jharkhand State AIDS Control Society  
Sadar Hospital Campus, Purulia Road, Ranchi**

**Blood Centre Project Report  
( 24 hours service)**

**Whole Human Blood**

Space Requirements : Whole Human Blood – 100 Sq meter (1100 sqft approx)

**New Blood Centre Construction Cost – Rs 25 Lakhs**

If on Rental (Including renovation/modification in infrastructure)– **Rs 5 lakhs –  
Rs 10 Lakhs**

Rooms	1. Registration & Medical Examination (AC)
	2. Blood Donation Room (AC)
	3. Recovery & Refreshment Room (AC)
	4. Serology Room (AC)
	5. Lab for TTD(AC)
	6. Washing & Sterilization
	7. Store & Record Room

**Equipments and Accessories**

**Registration & Medical Examination Room**

1.	Examination Bed	-	One
2.	Donor Counseling Table	-	One
3.	Chair	-	Three
4.	Donor weighing Scale	-	One
5.	BP	-	One
6.	Stethoscope	-	One
7.	Hemoglobin meter	-	One
8.	Lancet	-	
9.	Glass Slide	-	
10.	Anti A/B/AB/D		
11.	Donor Consent card		
12.	Donor Register		
13.	Needle Destroyer		

**Blood Donation Room**

1.	Donor Couch	-	Three
2.	Blood Collection Monitor	-	Three
3.	Di-Electric Tube Sealer	-	One
4.	Savlon/Betadine/IPA		
5.	BP	-	Three
6.	Stehoscope	-	One

7. Cotton
8. Band Aid
9. Test Tube
10. Test Tube Rack
11. Lable
12. Oxygen Cylender
13. Emergency Medicine
14. Needle Destroyer - One
15. Blood bank Refrigerator - One  
2-6 degC for Unscreen  
Blood.

### **Recovery & Refreshment Room**

1. Recovery Bed - One
2. Sitting Arrangement - For 6 persons
3. Refrigerator - One
4. Waste Basket - One

### **Serology Lab**

1. Lab Centrifuge - Two
2. RH View Box - Two
3. Microscope - One
4. Test Tube
5. Anti A/B/D
6. Cross match book
7. All register
8. Kit Refrigerator - One
9. Blood bank Refrigerator - One  
2-6 degC for screen  
Blood
10. Water bath 37 degC - One

### **Lab for TTI**

1. Elisa Reader with Auto  
Washer and printer - One
2. Elisa Kit for HBsAg/HIV  
VDRL/MP
3. VDRL Shaker - One
4. Incubator - One
5. All Records
6. Micropipettes
7. Microtips

### **Washing & Sterilization Room**

1. Hot air oven
2. Sterilizer
3. Waste Basket colored

### **Store & Record Room**

1. Steel Racks
2. Lockers
3. Chair
4. Table

### **Labels and Registers**

1. label
2. All Registers

**Equipments and Accessories: Rs 3500000.00 (Thirty Five Lakhs)**  
(Including AC and Genset)

### **Recurring Cost Per month**

1. Man Power :        Doctor – 2  
                                  Technician- 5  
                                  Staff Nurse 2  
                                  Lab Attendent- 2  
                                  Counselor – 2  
                                  Housekeeping staff – 2
2. Procurements of Kits and Consumables
3. Printing of Blood Centre Register and labels

**Recurring Cost -        Rs 4-5 lakhs (Approx)**

### **Summary**

- A) New Blood Centre Construction Cost – Rs 25 Lakhs (approx)**
- B) Equipments and Accessories - Rs 35 Lakhs (approx)**
- C) Recurring Cost per month - Rs 4-5 lakhs (approx)**

### **Conclusion**

For establishment of New Blood Centre approximate budget required will be Rs 60 Lakhs (Sixty lakhs).