



GOVERNMENT OF ODISHA
HEALTH AND FAMILY WELFARE DEPARTMENT

NOTIFICATION

No. OSMCL-Equip-Proc-0043-2021 13945 /H. Dated. 11-05-2021

The Government have been pleased to accord the proposal for setting up RTPCR COVID-19 Testing Laboratory Facilities at district headquarters of 16 Districts i.e Bhadrak, Boudh, Bargarh, Dhenkanal, Gajapati, Jagatsinghpur, Jajpur, Kandhmal, Kendrapada, Khurda, Malkangiri, Nawarngpur, Nuapada, Sonepur and Sundergarh in view of the 2nd wave of the COVID-19 pandemic. In case of Rayagada District ,though the machine has been ordered by OSMCL , all the other peripheral equipments including BioSafety Cabinet Class II A2 and BSL level 2+ to be installed .

The list of equipments required for setting up one RTPCR COVID-19. Testing Laboratory Facility along with approximate cost is mentioned below;


SI No	Name of the Equipment	Quantity Per Laboratory	Approx cost (Lakhs)
1	Biosafety Cabinet Class II A2	2	12
2	Centrifuge refrigerated up to 15,000rpm for 1.5 ml tubes	1	5
3	Real Time PCR Machine	1	13
4	PCR Work station	1	1.6
5	PCR Plate Centrifuge	1	6
6	Vortex	2	0.3
7	Spin win	2	0.6
8	Auto pipette set (Autoclavable) 1-5 ul, 10 ul, 20-100ul, 200-1000ul	4 sets	2
9	Auto clave	2	2

10	Refrigerator-Double door	2	0.5
11	-20 degree C Deep Freezer	1	1
12	-80 degree C Deep Freezer	1	5
13	Water bath	1	0.5
14	Water Purification system	1	5
15	Incubator	1	0.5
16	Thermal cycler	1	5
17	UPS 10KVA-2 hrs backup	1	5
18	ELISA Reader with Washer	1	5
Total (In Rs.)			Rs 70 Lakhs
Cost of setting up of Biosafety Level 2+(BSL 2+) Per Laboratory			Rs. 50 Lakhs

- The approximate unit cost for establishment of RTPCR COVID-19 Testing Laboratory Facility with Biosafety Cabinet Class II A2 and Biosafety Level 2+(BSL 2+) is around Rs.120 Lakhs.

- One Microbiologist and three Laboratory Technicians to be recruited on outsourcing basis for operationalisation of these labs per shift as per current norms of the Deptt.

By order of the Governor


11/05/2021
Additional Chief Secretary to Government

Memo No- 13946 dated 11-05-2021

Copy forwarded to the Managing Director, OSMCL, Bhubaneswar / Collectors and CDM & PHOs of Bhadrak, Boudh, Bargarh, Dhenkanal, Gajapati, Jagatsinghpur, Jajpur, Kandhmal, Kendrapada, Khurda, Malkangiri, Nawarngpur, Nuapada, Rayagada, Sonepur and Sundergarh for information and necessary action.


11/05/2021
Deputy Secretary to Government