Annexure-I

Equipment costing upto 1 lakh						**Remarks**
Sr. No.	**Name of the Equipment**	**Qty**	**Approx. Costing**	**Scientist**	**SAC**	
1	Vortexer	1	1,00,000	Dr. V. Bhor	2023	
2	Electronic Pipetter	2	1,00,000	Dr. V. Bhor	2023	
3	Heating Block	1	1,00,000	Dr. P. Shukla	2023	
4	Vortexer	2	1,00,000	Dr. V. Bhor, Dr. D. Modi	2024	
5	Weighing Balance	1	50,000	Dr. V. Bhor	2024	
6	Western Blot Rocker	1	50,000	Dr. D. Modi	2024	
Equipment costing between 1 lakh to 2 lakh						
Sr. No.	**Name of the Equipment**	**Qty**	**Approx. Costing**	**Scientist**	**SAC**	
7	Magetic Plate Washer	1	1,50,000	Dr. V. Bhor	2022	
8	Laminar Flow Hood	1	1,50,000	Dr. S.Mukherjee	2022	
9	System for Remote Monitoring of Equipment Temperature and Other Parameters	1	1,50,000	Dr. V. Bhor	2023	
10	Autoclave	3	2,00,000	Dr. V. Bhor, Dr. D. Modi, Dr. S. Mukherjee	2024	
11.	Trinocular Microscope with imaging system	1	1,50,000	DCR/Child Health	2024	
Equipment costing 2 lakh to 25 lakh						
12.	Gel Documentation System	1	10,00,000	Dr. V. Dighe (NCPBR)	2021	
13.	CO2 Incubator	1	5,00,000	Dr. V. Dighe (NCPBR)	2021	
14.	Refrigerated Micro centrifuge	1	4,00,000	Dr. V. Bhor	2022	
15.	Class II A2 Biosafety Cabinet	1	15,00,000	Dr. D. Das	2022	
16.	Clinical Chemistry Analyzer	1	15,00,000	Dr. V. Dighe (NCPBR)	2022	
17.	Hybrisoft	1	12,00,000	Dr. K. Munne	2023	Alternate Manual Version to Automated Multiplex PCR machine (SAC 2022) approved
18.	Four Channel Non-Invasive BP monitor	1	10,00,000	Dr. K. Nishi	2023	
19.	Thermocycler	1	10,00,000	Dr. K. Itta	2023	
20.	Refrigerated Centrifuge	1	4,00,000	Dr. R. Gajbhiye	2023	
21.	Thermobrite System Hybridizer for Fluorescence in Situ Hybridization (FISH)	1	6,00,000	Dr. S. Pande	2023	
22.	Bio Safety Cabinet Class II Type A2 (1)	1	5,00,000	Dr. V. Bhor	2023	
23.	-20^0C Deep Freezer	1	4,00,000	Dr. S. Pande	2023	

24.	-20^{0}C Deep Freezer	1	4,00,000	Dr. V. Bhor	2023	
25.	Microtome	1	7,00,000	Dr. U. Chaudhari	2024	
26.	Lab Scale Fermenter	1	6,00,000	Dr. V. Bhor	2024	
27.	Inverted Microscope	1	5,00,000	Dr. S. Pande	2024	
28.	Liquid Nitrogen Tanks	1	5,00,000	Dr. V. Bhor	2024	
29.	Digital video Colposcope	1	5,00,000	Dr. A.D. Patil	2024	
30.	CO2 Incubator with O2 Controller	1	15,00,000	Dr. V. Bhor	2024	
31.	Dry Bath	1	3,00,000	Dr. V. Bhor	2024	
32.	TEER Measurement Device	1	3,00,000	Dr. V. Bhor	2024	
33.	Phase Contrast Microscope	1	3,00,000	Dr. S. Pande	2024	Two Times mentioned in SAC 2024
Equipment costing 25 Lakh and above						
34.	Real Time PCR Machine	1	20,00,000	Dr. Dipty Singh	2020	
35.	Control Rate Freezer with Liquid Nitrogen Container	1	35,00,000	Dr. V. Patel	2020	Equipment will be placed in SAC 2025 and should be procured only after approval in SAC 2025.
36.	Diesel Generator	1	75,00,000	Dr. V. Dighe (NCPBR)	2024	
37.	Real Time PCR Machine	2	30,00,000	Dr. D. Modi, Dr. B. Pathak	2021	
38.	Type II Class A2 Biosafety Cabinet	2	40,00,000	Dr. V. Dighe (NCPBR)	2021	
39.	Digital X Ray-600 mA with detector and printer	1	25,00,000	Dr. V. Dighe (NCPBR)	2021	
40.	Benchtop, cartride-based 4 capillary DNA sequencer	1	50,00,000	Dr. S. Pande	2023	
41.	Horizontal Rectangular High Pressure High Vacuum Steam Bio medical waste sterilizer	1	40,00,000	Dr. V. Dighe (NCBPR)	2023	
42.	Bright Field Microscope with Software for Karyotyping	1	25,00,000	Dr. S. Pande	2023	
43.	Pyrosequencer with automated sample preparation	1	40,00,000	Dr. Kushaan Khambata	2024	

Justification

Name of the Equipment:
SAC approved year:
SAC approved approximate amount:
Name of Scientist:

1. **What is the equipment used for?**
2. **Why do we need this equipment?**
3. **Do we have a similar system at the Institute?**
4. **Whether the work can be done well with existing equipment or machinery (known models with published record) without going in for the latest, untested technology?**
5. **How the work was being managed without this equipment?**
6. **What is the utilization of earlier equipment?**
7. **Whether utility is for short term or long term?**
8. **Whether buying is better, or outsourcing could be better or the possibility of utilizing a similar facility available with other reputed Research Organizations?**

Signature:

Name of Scientist:

Designation:

Date:

Location:

ICMR- NATIONAL INSTITUTE FOR RESEARCH IN REPRODUCTIVE AND CHILD HEALTH

JAHANGIR MERWANJI STREET, PAREL, MUMBAI- 400012

Space Availability Report for SAC Approved Equipment

Date:

This is to certify that adequate space is available in (Location Name:_____) for installation, operation, and maintenance of the following SAC approved equipment proposed for procurement:

Sr. no.	Equipment Name	Qty	Approximate Cost (Rs.)	Space Availability Details	Remark if any
1.					
2.					

The space has been inspected and verified as suitable for the above equipment. No obstructions exist, and necessary power, ventilation, and safety requirements are met.

Signature:

Name of Scientist:

Designation:

Department Name:

Signature:

Mr. Jagdish Patharwat

Technical Officer-C

Signature:

Mr. Vinay Koli

Sr. Technical Officer-III