

<b>Item</b>	<b>Description</b>
Refitting Lab Benches	Space renovation at CApIC-ACE Sturdy work surfaces specifically designed for labora
Lab Seats Ultra low temperature Freezer(-20°C) Microwave	Ergonomic chairs or stools designed for comfort and proper posture during extended periods of work in the laboratory. They provide support and flexibility for researchers and technicians. A specialized freezer unit capable of maintaining a t A microwave oven adapted for laboratory use, prima
Water bath	A temperature-controlled container filled with water, used to maintain a stable temperature for incubating or heating samples that are placed inside sealed containers or tubes.
Thermal cycler Horizontal gel electrophoresis system	PCR machine (ProFlex™ 3 x 32-well PCR System Catalog number: 4484073), it is a laboratory instrument used for amplifying DNA segments through the polymerase chain reaction (PCR) technique. It provides controlled heating and cooling cycles necessary for DNA amplification ( <a href="https://www.thermofisher.com/order/catalog/product/4484073?SID=srch-srp-4484073">https://www.thermofisher.com/order/catalog/product/4484073?SID=srch-srp-4484073</a> ).
Bio-Rad Power Pc 200 Power Supply	A system used for separating and analyzing DNA, R A power supply unit specifically designed for electrophoresis experiments, providing the necessary voltage and current for the gel electrophoresis process.
Gel imaging system	A device equipped with specialized lighting and optics to visualize and capture images of gels (e.g., DNA gels) after electrophoresis. It enables researchers to document and analyze the results of their experiments (iBright™ CL1500 Imaging System Catalog number: A44114).
Transilluminator	A light source used to illuminate fluorescently labeled samples (e.g., DNA gels) for visualization and analysis. It emits UV light that excites the fluorescent molecules within the sample(Dual LED Blue/White Light Transilluminator Catalog number: LB0100).
Vortex mixer	A laboratory instrument used to mix or blend liquid samples in small vials or tubes. It applies vigorous shaking or vortexing motions to ensure thorough mixing (Basic Vortex Mixers Catalog number: 88882011)

Microcentrifuge (min. 15000 rpm for 1.5 ml tubes) Mini centrifuge	A high-speed centrifuge designed for small sample volumes in microcentrifuge tubes. It rapidly spins the samples at high speeds to separate and pellet particles or sediment. A compact centrifuge used for small-scale sample
Micropipettes P10 (02), P20(02), P100(02), P1000(02) Shipping Customs Technician salary for 12months Electricity for 12months Internet for 12months Water for 12months Stock Held	Micropipettes are precision instruments used for accurately measuring and transferring small volumes of liquids. The numbers in parentheses indicate different models with specific volume ranges. P10 typically measures 0.5-10 $\mu$ l, P20 measures 2-20 $\mu$ l, P100 measures 10-100 $\mu$ l, and P1000 measures 100-1000 $\mu$ l. Transporting laboratory equipment, supplies, or samples The regulatory authorities responsible for controlling A skilled professional responsible for operating and The electrical power supply required to operate labor An essential connectivity tool that enables research A basic laboratory utility required for various Refers to the inventory of laboratory supplies,
<b>Total</b>	

<b>Total estimate costs (USD)</b>	<b>Amount requested (USD)</b>	<b>Amount covered by other funds</b>
1200	1200	1200
500	500	500
400	400	400
200	200	200
140	140	140
160	160	160
300	300	300
350	350	350
150	150	150
600	600	600
250	250	250
300	300	300

800	800	800
150	150	150

500	500	500
2000	2000	2000
1500	1500	1500
2500	2500	2500
500	500	500
250	250	250
250	250	250
12000	12000	12000
<b>25000</b>	<b>25000</b>	<b>25000</b>