C-CAMP COVID-19 INNOVATIONS DEPLOYMENT ACCELERATOR (C-CIDA)

★ C-CIDA Week 2 Stars for Impact ★

Near Deployment Ready

- Assisted Respiratory Devices
- Vital Parameter Monitoring
- AYUSH Certified Preventatives
- Air & Surface Sanitization
- Cold Chain for Diagnostics

Logos of various companies and organizations.
C-CAMP COVID-19 Innovations Deployment Accelerator (C-CIDA) to accelerate immediate deployment of near-ready innovations to help contain the COVID Pandemic.

The initiative by C-CAMP has now been joined by multiple partners: UNHIE, Social Alpha, XYNTEO India2022, MedTechConnect, India Health Fund, AIC CCMB and CCMB and the latest addition, PATH to help accelerate COVID-19 innovations stuck in last-mile issues.

Based on the assessment, we will help in fast-tracking promising innovations for pilot deployment, scaling through industry partnership, and regulatory pathway as well as connecting with investors.

Selected innovations will also get fast track technology assessment, HTA and an opportunity to get scale-up investment and implementation as facilitated by United Nations Health Innovation Exchange or UNHIE.

Support in industrial/manufacturing opportunities through India2022 and MedTech Connect networks, Opportunity to raise funding from India2022 partners, Support towards operational validation and field implementation to facilitate entry into the healthcare systems from PATH.
Vital Parameter Monitoring
Vincense: Medical Grade Wearable Device
Screens major risk parameters of COVID-19
Vincense: Medical Grade Wearable Device

Key Features

- Prescreening for COVID-19 Respiratory Risk
- Real time Remote Monitoring
- Respiratory and pulse rate, Skin temperature
- Offline Data Logging
- Complete Health Monitoring

Manufacturing Capacity
- Upto 100K units in 4-6 weeks
- > 100K units 6-8 weeks

Basic Requirement
- Manufacturing
- Govt. connect
- Funding

Price/Unit
- Rs. 27,000 (device)
- Rs. 15,000/annum (screening)
- Rs. 7,500/annum (monitoring)
Telemetric Patient Monitoring System
Vital Parameter Monitoring for COVID-19
Telemetric Patient Monitoring System

Key Features

- Identify Cardiac complication during COVID-19
- Constant Monitoring (ECG, Respiration etc.)
- Real time data analysis
- Monitors SpO2, temperature and BP
- Remote Monitoring

Manufacturing Capacity

- **200 by end April**
- **200/m for 2 months, 2000/m thereafter**

Basic Requirement

- Manufacturing
- Working Capital

Price/Unit

- Rs. 45,000
- Rs. 30,000 COVID-19 (inclusive of software)
Vital Parameter Monitoring Device

Vital Parameter Monitoring for COVID-19

Hyderabad
Vital Parameter Monitoring Device

**Key Features**

- Wearable device
- Vital Parameter Monitoring
- Real time monitoring and alerting
- Portable and Low cost
- Unified platform

**Manufacturing Capacity**
- 1000 Units (if LiPo batteries available)
- 2-3 weeks to manufacture

**Basic Requirement**
- Pilot deployment
- Manufacturing
- Funding

**Price/Unit**
- Rs. 20,000 (MOQ 100)
Dozee: Contact free Vital Parameter Monitoring

Remote Vital Parameter Monitoring for COVID-19 (Goes Under Bed)

Bengaluru
# Dozee: Contact free Vital Parameter Monitoring

## Key Features

- **Contact free (goes below mattress)**
- **Regular Health Reports**
- **Remote Health Monitoring**
- **De-stress meditation library**
- **Early alerts before symptoms**

### Manufacturing Capacity
- 1000 (2 weeks); for more, need to source from Taiwan

### Basic Requirement
- Customers/Govt.
- Manufacturing
- Funding

### Price/Unit
- Rs. 11,000
Cold Chain for Diagnostics
Emvolio - A portable Medical Grade Refrigerator to transport viral swab sample
Emvolio - A portable Medical Grade Refrigerator to transport viral swab samples

**Key Features**

- **Portable and weigh 3.8 kg**
- **Maintains 2-8°C for 12 hours per charge**
- **Rugged and Ergonomic for all weather conditions**
- **Error of less than 0.5°C**
- **Low power (36W) & eco-friendly**

**Manufacturing Capacity**

- **Phase 1:** Soft-tooling 15 units - May 2020
- **Phase 2:** Hard-tooling 100 units - Aug 2020

**Basic Requirement**

- **Connect with Karnataka Govt.**
- **Funding assistance of INR 35 Lakhs**

**Price/Unit**

- **Rs. 27,000 plus taxes**
Tessol Insulated Bag for transportation of samples

Navi Mumbai
Tessol Insulated Bag for transportation of samples

Key Features

- Current process for sample collection
- Maintains 2-8°C for 6 hours
- Multiple sample collection per trip
- 6 hours collection trips
- Separate Chamber for Blood and Urine

Manufacturing Capacity
- Bag and Enclosure: Require Supply Chain
- Gel pads: 2000 in stock (Manufacture: 5000 in 10 days)

Basic Requirement
- Connection with Government

Price/Unit
- Small: Rs. 5000 plus taxes
- Bigger: Rs. 7000 plus taxes
Assisted Respiratory Devices
RESPIRAID: Automated Bag Based Invasive Ventilator
RESPIRAID: Automated Bag Based Invasive Ventilator

**Key Features**

- Intermittent positive pressure ventilation
- Portable, affordable and easy to use
- Reliable alternative to prolonged manual ventilation
- Smart ventilation with alerts and fail safe
- Transport and emergency ventilation

**Manufacturing Capacity**

- Phase 1: 25-40 devices (2-3 Weeks)
- Phase 2: Unrestricted production (Per Day - 1000 devices)

**Basic Requirement**

- CSR Grant
- Investment upto Rs. 5 Cr to get components

**Price/Unit**

- Rs. 90,000 including taxes
JEEVAN lite : Invasive and Non-Invasive Ventilator
## JEEVAN lite: Invasive and Non-Invasive Ventilator

### Key Features

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<td>Low Cost Portable Ventilator &amp; Visual and Audible alarm for leakage detection &amp; Vital Parameter Monitoring &amp; Multiple modes of ventilation &amp; Invasive and Non-Invasive Ventilation</td>
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### Manufacturing Capacity
- Certification: 15\(^{th}\) April
- Mass Manufacturing: 1\(^{st}\) May

### Basic Requirement
- Funding of Rs. 25 lakhs
- Supply Chain
- Industrial Partner

### Price/Unit
- Rs. 1 to 1.5 lakh plus taxes
Air and Surface Sanitization
Leaf Box Ultra : Air Purifier and UVC Sterilizer

Bengaluru
Leaf Box Ultra: Air Purifier

**Key Features**

- **UVC Based Air Purifier**
- **Does not penetrate Glass, Plastic or Vinyl**
- **Prefilter, HEPA and Activated carbon**
- **Purify 300-900 sq. ft. CADR-550 CMH**
- **Ozone free UV Germicidal lamps**

**Manufacturing Capacity**

- 100 Units readily available
- 500 units can be manufactured in 30 days

**Basic Requirement**

- Funds to manufacture product
- Connect to government, Health Department

**Price/Unit**

- Rs. 20,000 plus taxes (Small Unit)
- Rs. 55,000 plus taxes (Large Units)
Leaf Box UV-C Sterilizer

**Key Features**

- Kills 99.9% of bacteria and virus
- Automatic Protection mode
- Multipurpose
- Efficient Sterilization
- Reduced disinfection time by 10 folds

**Manufacturing Capacity**
- 200-300 Units available

**Basic Requirement**
- Funds to manufacture product
- Connect to government, Health Department

**Price/Unit**
- Rs. 15,000 plus taxes (Small Unit)
ZeBox: Air Sanitizer

Bengaluru
ZeBox: Air Sanitizer

Key Features

- Traps and Kills Microbes within 10 minutes
- EMI/EMC emissions below thresholds
- Combines electronics and air-flow design
- Standalone units permit “plug & play”
- Sterilize 150 sq. ft.

Manufacturing Capacity
- Immediately available

Basic Requirement
- Funds of Rs. 2 Cr
- Supply Chain

Price/Unit
- Rs. 30,000 to Rs. 2 lakhs
Comprehensive Waterless Personal Hygiene Solution

New Delhi
Comprehensive Waterless Personal Hygiene Solution

Key Features

No Alcohol, SLS (Sodium Lauryl Sulfate), Gluten & paraben.
Removes dirt, dust & oil
Provides Anti-microbial Properties
Dermatologically tested
Patent Protected in 152 countries.

Manufacturing Capacity
- Already commercialized
- Selling to institutions

Basic Requirement
- Support in terms of raw material procurements
- Supply chain distributions

Price/Unit
- Rs. 549/100 ml for body bath
- Rs. 499/100 mL for head hygiene
- Rs.175/500 mL hand sanitizer
AYUSH Certified Preventatives
SmartLyse- A wipe for microbes

Ernakulam
SmartLyse - A wipe for microbes

**Key Features**

- Gadget Wipes
- Lyse protein & lipid bilayer of Bacteria and Viruses
- Composition of salt and lysis solution
- Can wipe out microbes in 5 minutes
- Remain effective till months

**Manufacturing Capacity**
- 1000 Gadget Wipes per day

**Basic Requirement**
- Drug License

**Price/Unit**
- Rs. 99/ pack of 10 (One month pack) including taxes
Whiff Bio Spray: Disinfectant
Whiff Bio Spray: Disinfectant

Key Features

- Antimicrobial and Antiviral
- Completely Herbal
- Uses QLEN Model
- Can be used indoor and outdoors
- 1.5 to 2 ml /150 sq. ft.

Manufacturing Capacity

- 1000 bottles per day

Basic Requirement

- Collaboration with Industry
- Funding for further testing

Price/Unit

- Rs. 3900 (200ml) per unit
C-CAMP
COVID-19
INNOVATIONS
DEPLOYMENT
ACCELERATOR #CCIDA

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