

# Containing the Outbreak

Supporting the response to the Coronavirus in Hubei, China

## In brief

A new deadly outbreak of Coronavirus—a virus causing respiratory illness—which began in Wuhan, China, is quickly spreading throughout China and around the world. As of February 6, 2020, there were 10,117 confirmed cases and 414 deaths in Wuhan, and 28,018 confirmed cases and 563 deaths in mainland China. The WHO declared the virus a Public Health Emergency of International Concern on January 30, 2020. Ensuring an adequate and consistent supply of protective gear for frontline workers is essential to preventing further spread of and deaths from the virus.

## The problem

Hubei, the epicenter of the outbreak, faces a shortage of medical equipment and supplies for the health care teams in designated hospitals and quarantine sites. Supplies and equipment for infection prevention and control, such as personal protective equipment is in short supply yet critical for containing the outbreak.

Due to the rapid speed of the outbreak, the domestic production of such equipment is too limited to meet the growing demand, especially during Chinese New Year when all factories are closed.

This new coronavirus (2019-nCoV) is a highly contagious disease (human to human transmission) and without enough protective gear, people will get rapidly infected and frontline medical workers are particularly vulnerable.

## The partner

Beijing United Charity Foundation (BUCF) is a Beijing-based foundation registered at the Beijing Civil Affairs Bureau since 2011. The foundation works in the areas of emergency relief, sustainable development and children's health. BUCF has ongoing programs in Wuhan, including collaborations with the Wuhan Union Hospital and Maternal and Child Hospital in Hubei province and a strong relationship with the Wuhan government. Both of these will help facilitate the timely distribution of needed medical supplies.

## The philanthropic solution

BUCF will manage the procurement, transfer, and delivery of quality protective equipment and other essential supplies to fill temporary gaps and prevent transmission of the virus. BUCF will fill the gap by sourcing these medical supplies in large quantity and good quality from a variety of sources, mostly from outside of China. It has close cooperative relationships with Wuhan's non-profit organizations and has established a

wide network of volunteers. It can quickly understand the needs of hospitals, and through its network of volunteers can help implement the distribution of materials. With timely and sufficient protective gear, it will reduce the exposure of medical personnel to infectious diseases, decrease the risk of hospital infection as well as prevent disease transmission.

## The evidence

When used properly along with other infection prevention control measures such as handwashing, personal protective equipment blocks transmission of viral contaminants and prevents the spread of infection from one person to another.

## The impact

BUCF will deliver the following to front-line medical workers both in hospitals and communities in Hubei:

- 50,000 pieces of protective clothing for medical workers
- 20,000 sanitary kits for 5,000 doctors, which including hand cream, disposable underwear, disposable heating piece, and etc.
- 25,000 N95 masks and 250,000 disposable medical gloves
- The above protective gear will benefit 30,000 people in virus affected areas, who are able to provide treatment to more infected children, woman and families



Source: BUCF

Location	Hubei Province, especially Wuhan City, China
Target Group	30,000 frontline medical workers
Partner(s)	Beijing United Charity Foundation
Co-sponsors	
Grant total	USD 1,000,000
Duration	4 Months