



Personal Protection Equipment Design & Manufacturing Assistance

TXRX Labs is a non-profit in Houston, TX, that combines physical product innovation and development services with manufacturing workforce training.

On March 13th, we started to focus 100% on helping meet the demand for personal protection equipment (PPE). Our focus:

- **Develop Clinically Approved PPE Product Designs**

We are partnering with hospitals and their front-line care providers to co-develop and prototype PPE designs that healthcare professionals approve and can be manufactured in Houston. Our designs purposefully utilize equipment and materials that are locally available to facilitate immediate production and distribution.

- **Catalyze New Local PPE Manufacturing**

There are existing manufacturers, job shops, and individuals who can make PPE. To start, they need (1) clinically approved designs, (2) customers that will place initial orders, and in some cases, (3) working capital to purchase materials. As a result of our healthcare partners and our donor-supported initiative, we can provide all three of these.

- **Raise Funds to Purchase PPE**

When we launched this initiative our focus was on our front-line hospital workers. Thanks to donors spreading the word and media attention, we've been approached by organizations that can't afford the current 200% to 800% price increases or can't find any to purchase. Help non-profit CBOs serving under-resourced communities. [Donate today.](#)

OUR PPE PRODUCTS

[Request Form](#)

[Face Shield](#)

Memorial Hermann Health Systems requested the first 10,000 units. We have sent orders from Nacogdoches to New York City. Minimum order size: 50 units. We do not distribute to brokers.



[Intubation Aerosol Containment Box](#)

The first three units delivered to Houston Memorial Hermann. 50 units have been requested.



[Surgical-N95 Mask Alternatives](#)

Prototypes of this product design were sent to Nebraska Biocontainment Unit for testing on Friday, March 27th. Awaiting results. We are currently making 1,000 in advance for use by non-hospital workers.



PAPR - Powered Air Purifying Respirator

Prototype design collaboration with an anesthesiologist at MD Anderson.

