

# Queensland Government COVID-19 (Coronavirus) Manufacturing Supply Chain support

## Supply of surgical/medical face masks (Level 1-Level 3)

### General Description

The Queensland Government is seeking expressions of interest from companies with the capability to domestically manufacture single-use face masks for use in health care. This includes surgical/medical face masks in Levels 1, 2 and 3 and/or P2/N95 particulate filter respirator surgical/medical face masks for use in an Australian hospital setting.

Suppliers who respond here should indicate their:

- current availability of product samples
- current stocks, capacity and quantity that can be supplied
- timeframes for production and delivery
- any capabilities needed to scale up their capacity, quantities and by what timeframes.

### Technical Information for Potential Suppliers

#### Requirement 1 - Standards

As per the table on the following page outlining the required standards for the various product types, Surgical /Medical masks in Levels 1, 2 and 3 must:

- be registered on the Australian Register of Therapeutic Goods (ARTG); and
- be manufactured in accordance with and be certified by an independent laboratory to meet AS4381:2015; and
- nose piece moulded for an individual close fit around the wearer's nose and cheeks. The nose piece shall be enclosed within the body of the mask.

In addition to the above standards for Levels 1-3, the P2/N95 particulate filter respirator surgical/medical mask must:

- meet the criteria for a P2 particulate filter respirator as outlined in A/NZS 1716:2012 or be certified by the U.S.A. National Institute for Occupational Safety and Health (NIOSH); and meet AS4381:2015:
  - suitable for use in health care environments including surgical procedures; and
  - not be fitted with an exhalation (breathing) valve.

## **Requirement 2 - Independent laboratory test results**

As per the table below outlining the required standards for the various product types, manufacturers must be able to demonstrate for Levels 1, 2 and 3:

- independent laboratory test results to confirm bacterial filtration efficiency (BFE) using the test methods outlined in AS 4381-2015; and
- independent laboratory test results to confirm differential pressure (breathability), using the test methods outlined in AS 4381-2015; and
- independent laboratory test results to confirm fluid resistance using the test methods outlined in AS 4381-2015.

In addition to the above, manufacturers of P2/N95 particulate filter respirator surgical/medical mask must also be able to demonstrate:

- independent laboratory test results to confirm that the P2 particulate filter respirator as outlined in A/NZS 1716:2012 or certified under NIOSH meets the prescribed standards and is suitable for use in health care environments including surgical procedures meeting AS 4381-2015.

<b>Product</b>	<b>Standard</b>
<b>Surgical/Medical face masks Level 1, 2, &amp; 3</b>	AS4381:2015
<b>P2 Particulate filter respirator surgical/medical face mask</b>	AS4381:2015 and AS1716:2012
<b>N95 Particulate filter respirator surgical/medical face mask</b>	AS4381:2015 and 42 CFR 84

## **Expressions of Interest**

The Queensland Government encourages local businesses interested in supplying locally manufactured surgical/medical masks (Level 1-Level 3) to register an expression of interest (EOI) through the ICN Gateway webpage.

## **Specific Scope Requirements**

Capability to domestically manufacture medical surgical masks (Level 1-Level 3) and /or P2 particulate filter respirator masks for use in an Australian hospital setting. Please indicate the medical surgical mask's Barrier Protection Level as defined in AS4381:2015 and a combination of AS4381:2015 and A/NZS 1716:2012 or NIOSH respectively.

**Opens:** 8 April 2020  
**Full scope closes:** 20 April 2020  
**Location of works:** Queensland  
**Forecast Award Date:** Immediate and as needed



## **Disclaimer**

The Scope of Work is indicative only and is intended to be used as a summary description of work which may be required by an organisation and may be subject to change. There is no undertaking to contract or proceed to a competitive process implied by this form. Further contact with interested suppliers will be at the discretion of the organisations seeking this product.