

## COVID-19 Response for low & middle income countries

Update 8<sup>th</sup> April 2020

Following on from Day 1 of the Rapid Design Network and a review of the feedback to date, the original 20 designs have been now been shortlisted. The google drive folder now only contains 9 designs. Below is an index of the designs. The shortlisted designs are in the google drive folder.

<https://drive.google.com/drive/folders/1LglG8vCffEoj8OpK6m4sQsLHznratADL?usp=sharing>

| Code         | Item        | Manufacture Method | Testing Notes                      |
|--------------|-------------|--------------------|------------------------------------|
| CV19 - PR003 | Face Shield | LASER Cut, 2 pc    | In parallel with CV19 - PR020      |
| CV19 - PR004 | Door Opener | 3DP                | In parallel with CV19 - PR007      |
| CV19 - PR007 | Door Opener | 3DP                | In parallel with CV19 - PR004      |
| CV19 - PR015 | Face Mask   | Sewn               | Stand alone                        |
| CV19 - PR016 | Face Shield | LASER Cut, 1 pc    | In parallel with CV19 - PR018 & 19 |
| CV19 - PR017 | Face Shield | 3DP                | Stand alone                        |
| CV19 - PR018 | Face Shield | LASER Cut, 1 pc    | In parallel with CV19 - PR016 & 19 |
| CV19 - PR019 | Face Shield | LASER Cut, 1 pc    | In parallel with CV19 - PR016 & 18 |
| CV19 - PR020 | Face Shield | LASER Cut, 2 pc    | In parallel with CV19 – PR003      |

Items highlighted with the same colour are meant to be tested in parallel and compared.

For example we have 3 viable designs for a face shield made out of one piece of sheet plastic. We want to converge on one design. The sewn face mask and the 3DP face shield, we do not need comparisons on rather just simple feedback.

### Feedback

There are 2 levels of feedback envisaged

**Level 1** - design review - review of proposed designs, any potential issues identified / flaws / improvements etc. based on the reviewers experience. We have tried to shortlist quickly to reduce workload.

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# COVID-19 Rapid Design Network



**Level 2** - some reviewers across our countries will fabricate the selected design. We do not expect all to do this but if we can get a spread of fabricators to try to manufacture a sample of the design this will allow more detailed assessment such as print / cut times, hazard during manufacture / storage / any issues with usability - for example visor profiles can cause glare, lack of ventilation may cause fogging, etc.

We appreciate it is a rapidly moving review so apologise for any inconvenience

You can also contact us at any time by emailing [info@ewb-ireland.org](mailto:info@ewb-ireland.org)

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## *Achieving Resilient Communities*

### Details

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