

Annexure-A

| <b>Technical Specification for 3D Resin Printer</b> |   | <b>QTY</b> |
|---|---|------------|
| Modeling Technology                                 | LCD UV Photocuring                        | 01         |
| Print accuracy                                      | XY axis 0.035 mm, Z axis 0.01mm or better |            |
| XY Resolution                                       | 40 Microns or better                      |            |
| It should have self-leveling system                 |   |            |
| Printing speed                                      | 50mm/hr or better                         |            |
| Layer Thickness                                     | 0.01-0.2mm                                |            |
| Build Volume  | 140 X 80 X 125 mm or better               |            |
| Material  | UV-resin (open source)                    |            |
| Exposure intensity                                  | 4000uW/cm <sup>2</sup>                    |            |
| Single Layer Exposure Time                          | 1.5 Second or better                      |            |
| Platform  | Frosted                                   |            |
| Rapid Cooling system                                | Both inlet and outlet at the bottom       |            |
| Connectivity  | USB and computer compatible connector     |            |
| File Format   | .stl,.obj etc                             |            |
| Comprehensive Warranty of minimum 03 years or more  |   |            |

