Terms of Reference – Senior Software WPF Developer

Program name:

PCB Manufacturing

Purpose and scope:

The program is designed to create an order for the production of a printed circuit board. The program is a test WPF application with data predefined in the code and serves to demonstrate the skills of a candidate for a WPF developer position.

Requirements:

The program should consist of 1 screen with 3 tabs: Preferences, Quote, Order (see images below).

The program must provide the ability to perform the following functions:

1. "Preferences" Tab:

- a) All drop-down lists must have 2 3 predefined values.
- b) The postcode validation capability must be implemented.
- c) Material Possibility of choice of materials (2 3 predefined materials with different added value and time are expected).
- d) Solder mask color Choice of mask color (2 3 predefined colors).

2. "Ouote" Tab:

- a) Parameter table The table should contain groupings of predefined values.
- **b)** Parameter Panel The panel should display a graphical representation of the predefined parameters.

3. "Order" tab:

a) Order button

The color scheme can be different (it is not necessary that the colors are the same as in the images below). It is also expected to use the MVVM approach to application design.



