I need a program the can merge two pngs and draw multiple smooth outlines around merged image using edge detection and antialias smoothing to create smooth curves on transparent background. Should work similar to photoshop "stroke" feature.

Application should be written in c# or c++ and allow to adjust the thickness of each outline and color.

Attached, you will find 3 examples:

image 1.png (first image)

image 2.png (second image)

merged\_with\_2\_outlines.png (image 1 and image 2 merged with two outlines in 2 different colors green and white)

bad\_result.png (this is an example of a bad result. notice how jagged the edges are)

contoller.png (example only)

In your bid, please describe method you will use and how long it will take to make the demo.