4

The equations will be similar to that of previous question emept that flow rate will be proportioned to TE.

There will also be a noise term we and are

of Equal () E(2) will be supplied to the DEE block in Simulisk.

also y = C12 Th2 (flow rate)

Also, steady state values: h1,85 = (F1)

Also, h2155 = (CV1 A2) h1,55