We theoretically study the proximity of spin singlet s-wave superconductor to a bilayer system. As the bilayer Hamiltonian we assumed a Kinetic energy term, a Rashba type spin-orbit coupling as well as a Zeeman term which can be induced by magnetic field. An example of such a system is topological insulator thin film which it's proximity effect was experimentally explored. Using continuum model Green's function we calculate the anomalous Green's function induced in the bilayer and show that layer degree of freedom can make new kinds of odd frequency pairing. Extracting induced order parameter from induced anomalous Green's function in bilayer we found that a sign change in order parameter can happened in momentum space as well as layer space which can leads to s+/- pairing and topological superconductivity. Also we show that by tuning the magnetization one can get fully chiral triplet superconducting modes in different layers. Solving BdG equation we show the dispersion of topological insulator after proximity and by showing the density of states in each layer we show that which layer has more contribution in each band.