## 1 Abstract

An electronic voting protocol provides end-to-end verifiability if the voter can verify that their vote was correctly counted & any party can verify the results of the election. There have been several proposals outlining potential systems however these have all been built on top of protocols primarily designed as a transaction ledger. In this paper I propose a voting solution, built on the Ethereum protocol, using the properties of smart contracts to enforce strict rules surrounding the ballots of an election. These ballots are universally verifiable & the results maintain all of the desirable properties of the blockchain (such as immutability). All of this is achieved without sacrificing voter privacy or ballot integrity.