## Purpose:

This document serves to outline the minimum must have deliverables at PDR for each system.

## All Systems:

* All major components shown in the top level SLD (Sub Assy Level)
* Trade studies complete for all layout/top level decisions (ex: 1 pump vs 2 pump, NFT vs DWC etc..)

## Mechanical Systems:

* Hand sketches or comparison tables for at least 3 options to each assembly

## Electrical Systems:

* State Machine for all use cases
* UI development platform selected
* Primary coding language selected
* Communication network selected