

4. Surveillance management –

Create a software solution that uses Data Analytics/machine learning using computer vision to recognize inventory in the ware house and count it on real time basis with an accuracy of more than 95% . This would enable the MIS to calculate the inventory in real time basis and would stop the pilferage of items. The major items or products that can be used by this software is –

- a. Surveillance of the Plant area for Human/Vehicle/Access using drone/camera/sensors/ other technology.
- b. Surveillance of ASH-POND for crack, maintenance using drone/camera/sensors/ others technology
- c. Surveillance of the Plant and Machinery like Chimney/Building/Security tower/ perimeter wall/conveyor belt using drone/camera/sensors/other technology
- d. Surveillance of the workers in high risk area using drone/camera/sensors/other technology to verify the proper precautions and processes followed.
- e. Inventory management - Aluminum slabs, Trucks, Big items in open areas, Equipment