

## **Brief Scope of work**

**T/2430442/2021**

### **Design, Supply, Install and Commission of the upgrade project from chemical scrapper to betricking filter in MPS-2- with all related accessories**

#### **Introduction**

Odour Control Unit, OCU, is extracting continuously Odorous air from different sources to avoid emission of H<sub>2</sub>S and other odour causing gases to the atmosphere and to ensure safe working conditions at the site.

The Cleaning process of the existing odour control facility is based on a wet scrubber absorption system with a counter current flow pattern. Odorous air is brought in contact with a liquid scrubbing chemical which will absorb the different odorous compounds in the extracted air (i.e. H<sub>2</sub>S) and are thereby removed from the air. To increase the efficiency of the system as well as to reduce the operation cost of the system, some of the existing Chemical Scrubbers could be converted to a Bio Tricking System.

The upgraded odour control system will reduce the load of H<sub>2</sub>S discharged to the atmosphere by more than 99.95%.

#### **SUMMARY OF SCOPE FOR WORK:**

Upgrading the existing MPS-2 odor control system scope of work.

- Converting of 4 chemical scrubbers to Bio Tricking Filter
- Assembly of water cabinet
- Replacing stack with carbon filter