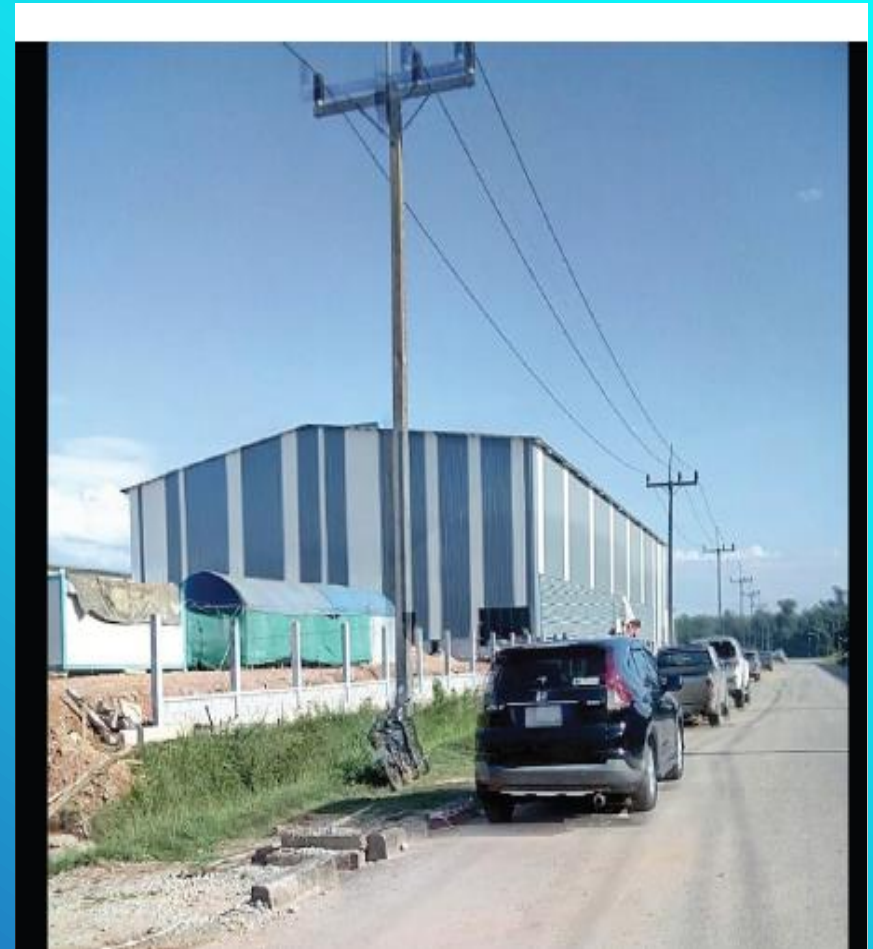




# Effluent Treatment Plant, Innolatesx Ltd.



Industrial effluent can contain various pollutants that can harm the environment if left untreated. The system, designed, supplied and installed by **Penfluid** is an industrial effluent treatment system that uses a combination of technologies to remove pollutants and ensure that the treated effluent meets regulatory standards.



# Needs Statement

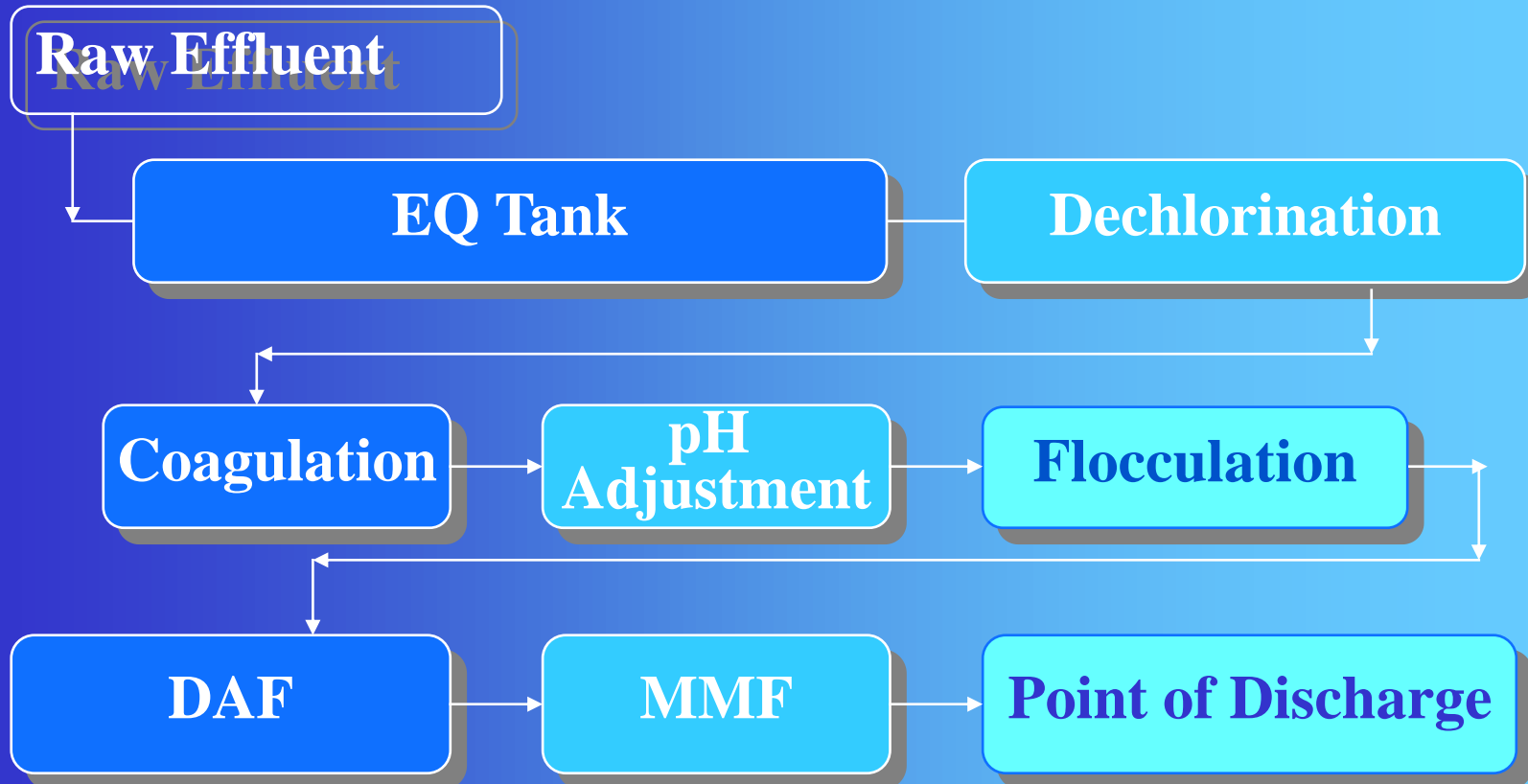
The scope of supply is to design, procure, deliver, install, test and commission the DAF based Effluent Treatment Plant of 75 m<sup>3</sup>/h.

## Wastewater Discharge Quality:

The effluent discharge quality shall meet

COD	<=	750 mg/L
BOD5	<=	500 mg/L
SS	<=	100 mg/L
TKN	<=	10 mg/L
pH		5.5-9.0

# Process Flow Concept



# Process – Equalization Tank



# Process – Chemicals Dosing + DAF Pretreatment



# Process – MMFs



# Process – Sludge Tank + Screw Press





# Process – Chemicals Storage and Dosing



# Process Control – MCC/LCP

