



Project: DEMON® effluent treatment petrochemical plant,

we kindly offer the services listed below for the implementation of the DEMON® Process at a petrochemical treatment facility. This offer is valid for the load conditions derived from the pre-design provided by 13.03.2023.

Position	Description
1. Licence and general services	
1.1. Licence	DEMON license for 1000 kg N/d
1.2. Service/Franchise Package	DEMON service package according to the franchise agreement, concept design
2. Process layout	
2.1. Inhibition test	Bench scale testing of influent samples for process inhibition, samples provided by the client
2.2. Site visits	Two (2) visits of similar DEMON sites for AMV personnel or client accompanied by NEWport, travel costs and incidentals not included;
2.3. Concept design	General design, sizing and configuration; process description

3. Detailed design	
3.1. Detailed design support	Calculation notes, DEMON P&ID specifications and review, process data for instruments and equipment
4. Equipment and materials	
4.1. Controller	DEMON EDGE controller system with Ethernet interface for communication with Siemens PLC for two lines, HMI, Hosted SCADA (Web SCADA), I/O communication list, functional description for client's PLC programming. EXW Austria
4.2. Biomass selection	One (1) DEMON static run-down filters 5 L/sec each; applicable for external installation, stainless steel 316Ti/ 304L, EXW Germany
4.3. Biomass retention	Two (2) Baffle walls in stainless steel 304L for 6 m SWD, flow capacity 500 m ³ /d; 5 elements each. EXW Austria
4.4. Seed sludge	5 m ³ seed sludge 360 kg net. TSS, EXW Austria
5. Start up documentation	
5.1. Process documentation	Commissioning and start-up procedures; Data sheets, equipment and O&M manuals
