

- Customer Name: B \_\_\_\_\_
- End User Name (optional): \_\_\_\_\_
- Project Name: B \_\_\_\_\_
- Project Location: B \_\_\_\_\_
- Expected Date of Delivery (Modules): B \_\_\_\_\_ (yyyy.mm)
- Expected Date of Commissioning: \_\_\_\_\_ (yyyy.mm)

**System Design**

- Type of UF Module: B \_\_\_\_\_
- Available Feed Flow: \_\_\_\_\_ (indicate unit: m<sup>3</sup>/h , gpm , ...)
- Required Permeate Flow: \_\_\_\_\_ (indicate unit: m<sup>3</sup>/h , gpm , ...)
- Number of Skids: \_\_\_\_\_ Working (n): \_\_\_\_\_ + Standby (x): \_\_\_\_\_
- Operation Time: \_\_\_\_\_ (specify hours / day)
- Required Recovery Rate: \_\_\_\_\_ (%)
- Pre-Treatment: B \_\_\_\_\_ (i.e. sandfilter, flocculants, etc.)
- Coagulant dosage (if applicable): \_\_\_\_\_ (mg / L)



**Feed Water Characteristics**

- Feed Water Source: B \_\_\_\_\_
- pH Range: \_\_\_\_\_
- Min. Temperature: B \_\_\_\_\_ (°C vs. °F)
- Max. Temperature: \_\_\_\_\_ (°C vs. °F)
- Turbidity: B \_\_\_\_\_ (NTU)
- Conductivity: \_\_\_\_\_ (µS / cm)
- TSS: B \_\_\_\_\_ (mg / L)
- FOG Free: B \_\_\_\_\_ (mg / L)
- FOG Emulsified: \_\_\_\_\_ (mg / L)
- TOC: \_\_\_\_\_ (mg / L)
- COD: B \_\_\_\_\_ (mg / L)
- Iron Content: \_\_\_\_\_ (mg / L)
- Heavy Metals: \_\_\_\_\_ (mg / L)
- Solvents: \_\_\_\_\_ (mg / L)
- Hardness: \_\_\_\_\_ (mg / L)
- Alkalinity: \_\_\_\_\_ (mg / L CaCO<sub>3</sub>)

**UF Effluent Quality Requirements**

- Turbidity: \_\_\_\_\_ (NTU)
- TSS: \_\_\_\_\_ (mg / L)
- TOC: \_\_\_\_\_ (mg / L)
- BOD: \_\_\_\_\_ (mg / L)
- FOG Emulsified: \_\_\_\_\_ (mg / L)
- UF Permeate Use: \_\_\_\_\_  
(i.e. pre-treatment before RO , removal of bacteria or colloids , etc.)
- Iron Content: \_\_\_\_\_ (mg / L)
- Manganese: \_\_\_\_\_ (mg / L)
- SDI: \_\_\_\_\_
- COD: \_\_\_\_\_ (mg / L)
- Alkalinity: \_\_\_\_\_ (mg / L CaCO<sub>3</sub>)
- Can permeate production be paused during backflush: \_\_\_\_\_

Other Information (i.e. tender specifications regarding design flux, number of filtration lines, or space/footprint of the plant? Does the plant require the entire system to remain at 100% capacity even if one filtration line is offline for maintenance?).

Fields marked with B are mandatory for a Basic Design Projection.