AXEON® RO DESIGN

Please complete the following information for a more accurate system proposal.

Company Name: _____ Project: _____ Project Location: _____

Contact Name: _____ Contact Phone #: _____ Contact Email: _____

FEED WATER CONDITIONS

Please use AXEON Water Analysis.

SYSTEM SIZING

1. What is the feed water pressure? (Complete one)

   _____ **PSI** _____ **Bar**

2. What is the daily volume of product water required per day?

   _____ **GPD** _____ **M^3 / day**

3. What is the volume of product water required per hour?

   _____ **GPH** _____ **LPH**

4. How many hours per day is product water required? How many days per week?

   _____ **/day** _____ **/week**

5. What are the product water quality (level of purity) requirements? Please describe in as much detail as possible:

6. Does the product water quality need to meet any specific standard like US EPA, WHO, DWI, ASTM, USP, WFI, etc.? Please describe in detail:

7. What is the maximum number of days the R.O. system will not be in operation?

INSTRUMENTATION

1. Are there any special control or instrumentation requirements?

   ☐ **Yes** ☐ **No**

   If yes, please list:

2. Does this application require data transmission to a remote computer, HMI or monitors?

   ☐ **Yes** ☐ **No**

   If yes, please describe in detail:

SITE CONDITIONS

1. Where will the reject water from the R.O. system go to?

2. How much space is available for this system?

   Width _____ **Height** _____

   Depth _____

3. Is this equipment to go in a new or existing building?

   ☐ **New** ☐ **Existing**

4. What is the available electrical power?

   _____ **Volts** _____ **Phase**

   _____ **Hertz** _____ **Amps**

5. What environment will the system be located?
   ☐ **Indoor** ☐ **Outdoor**

6. What are the atmospheric conditions to which the system will be exposed? (Example: corrosive, damp, dusty, hazardous/explosive fumes or dust, extreme heat, etc.) Please describe:

7. What is the range of the ambient temperature variations?

   _____ **°F to** _____ **°F**

8. What is the approximate date that the system is required to be in operation?

   _____ / _____ / _____

9. If engineering specifications and/or drawings are available, please provide a copy.

10. Are there storage facilities for the product water?
    ☐ **Yes** ☐ **No**

    If yes, what is the capacity?

    _____ **Gallons** _____ **M^3**

    Material type? _____

11. Is this a constant or intermittent duty application?
    ☐ **Constant** ☐ **Intermittent**

12. Please provide any additional special conditions of the application: