Cartridge Filter Competitive Information and Process Questionnaire

Filtration-Key Required Information

Customer Name & location: ____________________________
Salesman Name: ____________________________

If existing competitive filtration is in place:

1. Manufacturer name ____________________________ Product Brand name ____________________________
2. Product model description ____________________________ Pleated or Depth ____________________________
3. Micron rating (indicate if absolute or nominal) ______ micron
4. Cartridge Dimensions: Overall length ______ in. OD (outer diameter) ______ in.
5. Type of end adapters: open end, closed end, o-ring (222, 226, 213, etc), fin, gasket, etc. __________
6. Media composition (cotton string, resin bond, polypropylene, pleated, PTFE, Nylon, metal, glass, etc) __________
7. If in a housing, what type of housing (manufacturer) __________________ and how many filters are in each housing ______
8. Estimate on cost of the competitive filter element in consideration $ __________
9. Typical life of the filter (days in operation, gallons processed, etc.) ______ and total number of the filters consumed. ______
10. If available, a manufacturer’s product specification sheet is highly valuable.

Information regarding the fluid application

1. Type of fluid being filtered. ________________ Application/Filtration objective ________________
   The chemical composition will be needed in order to determine chemical compatibility with filter media; therefore the chemical composition is important:
2. Temperature of fluid – max (critical) _______ F or C and operating _______ F or C
3. Viscosity of fluid. ________________ pH of fluid ________________
4. Level of Suspended Solids ________________ (ppm, mg/L, or SDI)
5. Operating pressure, ________________ psig/bar
6. Max differential pressure across the filter element, _______ psid/bar
7. Terminal pressure-drop point in which the filter change-out is required. _______ psi/bar
8. Total fluid flow, _______ gpm/m3/hr
9. If a multi-round housing is in place, the number of filters and length of those filters are needed.
   _______ number, _______ length (in)
10. Desired removal rate (micron size). Establish true quantitative objective of filtering the fluid—this should be correlated back to particle micron retention. _______ micron
11. Nature of contaminant—any information on the problematic particles in the fluid stream is valuable.

12. Nature of the process: batch or continuous.

13. Please attach flow schematic if possible.