

CHECK LIST: Process Systems General

Title of project	
Project Type (New Construction/ Revamp/Expansion/Upgrade, etc)	
Company Name	
Customer Contact Name / Function	
Contact Data	
Plant Location	
Local DD Project No.	
DDMZ Proposal No.	
Requested date for Proposal	
Prepared By	MP/Wd/LAP/TNP
Date	

1 Feed

Composition / Medium	Unit	Concentration / Data
<i>Description of feed: origin/source (e.g. short description of process, or attach PFD, Mat Bal if available)</i>		
Flow rate		
Operating hours	h/p.a.	
Pressure		
Temperature		
Compositions to be specified (also impurities)		
	wt-%	
	wt-%	
	wt-%	
	wt-%	
	wt-%	
	wt-%	
	wt-%	

2 Requested Outlet Flows

Product Composition / Medium	Unit	Concentration / Data
<i>Description: (e.g. conc. SA)</i>		
	wt-%	
	wt-%	
	wt-%	
Other impurities	wt-%	
Pressure		
Temperature		

Secondary Composition / Medium	Unit	Concentration / Data
<i>Description:</i>		
	wt-%	
	wt-%	
	wt-%	
Other impurities	wt-%	
Pressure		
Temperature		

3 Available Utilities

Utility	Unit	Data
<i>Steam 1</i> Pressure Temperature Cost		
<i>Steam 2</i> Pressure Temperature Cost		
<i>Cooling Water</i> Inlet Temperature Outlet Temperature Pressure Cost		
<i>Chilled Water</i> Inlet Temperature Outlet Temperature Pressure Cost		
<i>Electrical Energy</i> Frequency Voltage Cost	Hz Volts	
<i>Thermal Fluid</i> Temperature Pressure Cost		

4 Scope of Supply / Miscellaneous

Further details / questions	Answer
Scope of supply beside key equipment?	
Stand-by pumps?	
Technical standards for pressure vessel (ASME, AD2000, DGRL, PED); Are European standards acceptable?	
Field instruments only or DCS / PCS to be included? Scope of supply?	
Commercial questions	Answer
Purpose of the proposal: - Estimate, feasibility study - Budget - Fixed and firm	
Project stage? Expected date of approval/order?	
Total budget on customer side?	
Project schedule/timeline: Start-up expected date	
Engineering firm or EPC contractor involved?	
Delivery terms (INCOTERMS, e.g. CFR, CPT, CPI), named national or international seaport if applicable	
Reference plant visit to be scheduled?	
Current or past experience (R&D to production) with desired process. If yes, please provide details	

5 Remarks

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Please return questionnaire to De Dietrich Process Systems, Inc.
Attn: Lennis Perez
at lennis.perez@ddpsinc.com

or call 908-317-8870 to discuss.

Thank you.

De Dietrich Process Systems Inc., USA
244 Sheffield Street
Mountainside, NJ 07092