

**RFI FORM****Contractor Name:****Address:****Phone/Fax:****Send to:** [cecil.nichols@va.gov](mailto:cecil.nichols@va.gov)

<b>RFI (REQUEST FOR INFORMATION)</b>			
<b>PROJECT NO.:</b>		<b>RFI NO.:</b>	001
<b>PROJECT NAME:</b>	SERVICE to REPLACE East Sump Pumps, VALLHCS	<b>DATE REQUESTED:</b>	08/11/2016
<b>SOLICITATION NO.:</b>	VA262-16-Q-1261	<b>REFERENCE:</b>	
<b>DRAWING:</b>		<b>SPECIFICATION SECTION:</b>	
<b>DESCRIPTION OF PROBLEM OR INFORMATION BEING REQUESTED</b>			
<p>Please be specific as possible:</p> <p>Will you allow 'or equal' pumps?</p> <p>The vortex pump is not very efficient as you can see from their attached curve (max 32%). Please note the Flygt pump only requires 2.2HP and has a maximum efficiency of over 53%. This will save energy over time. The BJM pump has Class F windings in the motor. Flygt is Class H which is a higher temperature rating and gives more reliable operation and extends motor life by over 5X.</p> <p>If this is a wastewater application, we suggest using Explosion proof FM rated motors. State and Local regulations prefer the use of FM rated motors in wastewater due to the potential presence of explosive gases such as methane which can accumulate in stagnant wastewater sumps.</p> <p>We feel the Flygt N impeller is the best non-clog technology with respect to today's modern trash such as disposable wipes, flushables, and other ragging issues. The vortex impeller such as BJM is susceptible to raging and pump failure.</p>			
<b>PROJECT MANAGER'S RESPONSE</b>			
Government (VA) will accept 'or equal' pumps.			
<b>TRACKING NO.:</b>		<b>AMENDMENT NO.:</b>	
VA PROJECT ENGINEER/MANAGER:		<b>DATE:</b>	
Thurston H. Ford, Structural Unit Supervisor		08/11/2016	