

PART I - DESCRIPTION

WBS Number: 1.5.3	Title: VV / Cryostat boots
Originator: B. Nelson	
<u>Description</u>	
<u>General Description of Work to be Performed:</u>	
<p>The cryostat must seal the coil space from the outside air to prevent condensation on the cold surfaces and provide a means for circulating dry nitrogen inside the cryostat to cool down and maintain the temperature of the interior structures. A flexible silicone rubber boot is used to provide a seal between the cryostat and the penetration openings. These boots are commercially available.</p>	
<i>Design</i>	
None included here. All drawings and analysis required for cryostat boots are provided in WBS 1.5.1.	
<i>R&D</i>	
None	
<i>Materials and Subcontracts</i>	
This estimate includes the boots and clamp assemblies for each port.	
<i>Fabrication and Assembly</i>	
There is no on-site fab or subassembly required.	
<i>Installation and Testing</i>	
Installation and leak checking of the boots is included WBS 7.	
<u>Description of Existing Equipment/Facilities to be Reused:</u>	
None	
<u>Description of Major Modifications Required to Existing Equipment/Facilities:</u>	
None	