PRO V&V

ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer:	Dominion Voting Systems
System:	EMS
ECO Number:	100597
ECO Description:	Added DELL PowerEdge R640 computer with new processor and RAM as an AVL to the existing R640 server computer configurations due to the previous DELL PowerEdge R640 Processor and RAM will soon become commercially unavailable for purchase

Overview:

DELL PowerEdge R640 server computers using the previous Intel Xeon Gold 5115 processor and using 16GB of 2666MT/s RAM will soon become commercially unavailable for purchase from DELL. Dominion is adding the DELL PowerEdge R640 with the new Processor (Intel Xeon Gold 5215) and RAM (16GB RDIMM, 2933MT/s) to the approved vendor list (AVL) for the following D-Suite EMS server computer configurations.

Add:
DVS PN 198-000036 POWEREDGE R640 RACK SERVER W/ WINDOWS SERVER 2012 R2 AND SQL SERVER 2016
DVS PN 198-000044 POWEREDGE R640 RACK SERVER W/ WINDOWS SERVER 2016 AND SQL SERVER 2016

Supporting Documentation:
ECO 100597 DELL PowerEdge R640 Processor-RAM.pdf *(Dominion ECO)*
198-000036_R640_Configuration_Spec_R2.xlsx
198-000044_R640_Configuration_Spec_WS2016_SQL2016.xlsx
New R640 EMS Std. Server Config Spec R3.xlsx

Engineering Recommendation:
Technical documentation review performed to approve change. Replacement component is comparable to current part in form fit, and function; therefore, no testing is required.

Engineering Analysis: De Minimis

Reviewer:	**Approver:**
Wendy Owens	Michael L. Walker
Printed Name	Printed Name
Wendy Owens	Michael L Walker
Signature	Signature
8/6/19	8/6/19
Date	Date