

**Appendix G - BRAND NAME JUSTIFICATIONS (Warren)**

**Determination to Solicit From a Single Source(s)**

The Arlington County Purchasing Officer the has determined that only sources to be reasonably available for the procurement of the following Building Components based on the justifications described in **Table G** acceptable and complies with brand name criteria.

Richard D. Warren. Jr. CPPB  2/27/15  
 Purchasing Agent Date

<b>Table G Brand Name Justifications</b>		
<b>Building Element</b>	<b>Brand Name(s)</b>	<b>Justification</b>
Automatic Transfer Switch	Asco, Caterpillar, Cutler HammerOnan/Cummins & Russell Electric	These brands installed in 70% of County Buildings with standby power including, but not limited to, all Mission Critical Facilities. The selection of automatic transfer switches has to be specific to ensure the transfer of electrical power from normal to Generator (open, delayed or closed transition) is completed as seamlessly as possible to ensure clean, uninterruptible and reliable power is delivered. Standardization has led to: <b>1)</b> Readily available replacements parts for seamless and reliable operation during outages, <b>2)</b> Uniform inventory of parts that are quickly available without delay, <b>3)</b> County staff trained on systems and <b>4)</b> Proven reliability.
Chillers	Carrier, Climacool, McQuay, MultiStack, Trane and York	These brands installed in 50% of Arlington County’s Buildings with chilled water piping. The brand names in the remaining Buildings are being phased out due to past issues with poor performance and it is the County’s intent to consider newer and better models from other manufacturers from York, MultiStack and McQuay. These systems are compatible with our Building Automation System providers including the BACnet system (open source) protocols. Standardization has led to: <b>1)</b> Readily available replacement parts for seamless and reliable operation during outages, <b>2)</b> Uniform inventory of

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		parts that are quickly available without delay, <b>3)</b> County staff trained on systems and <b>4)</b> Proven reliability.
Condensing Boilers (Hydronic Heating Water)	Aerco, Triangle Tube Viessmann and Weil-McLain	The acceptable brands are installed in eleven (11) of the County’s thirty-two (32) Buildings with hydronic heating and that are maintained by the Facilities Management Bureau (FMB). Standardizing our heating water boilers has led to: <b>1)</b> better pricing for replacement parts and maintenance contracts through economy of scale, <b>2)</b> limiting the on-hand inventory needed, and <b>3)</b> reduction in training requirements for maintenance staff. The acceptable brands have generally been installed in the County’s facilities through one-for-one replacements as a part of the County’s capital improvement program.
Cooling Towers	Baltimore Aircoil, Evapco and Marley	These brands are installed in 100% of Arlington County’s Buildings with condenser water piping. These systems are compatible with our Building Automation System providers including the BACnet system (open source) protocols. Standardization has led to: <b>1)</b> Readily available replacements parts for seamless and reliable operation during outages, <b>2)</b> Uniform inventory of parts, <b>3)</b> County staff trained on systems and <b>4)</b> Proven reliability.
Electronic Access Control	The Andover Continuum	This brand is installed and maintained in thirty-five (35) of the County’s facilities (all having such systems). Standardizing this equipment has led to: <b>1)</b> better pricing for parts and maintenance contracts through economy of scale, <b>2)</b> limiting the on-hand inventory need, and <b>3)</b> reduction in training requirements for staff. The brand has been installed in County facilities through one-for-one replacements and new construction/renovations.
Faucets	American Standard, Kohler and Moen	These brands are installed in 75% of Arlington County’s 2 million square feet of Building inventory and meet the requirements of EPA Water Sense Standards. Standardization has led to: <b>1)</b> Readily available replacements parts <b>2)</b> Uniform inventory of parts <b>3)</b> County staff trained on

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		systems and <b>4)</b> Proven reliability
Fire Alarm Systems	Edwards, Firelite, Notifier and Silent Knight	These brands are installed and maintained in sixty-six (66) of the County’s facilities (all having such systems). Standardizing this equipment has led to: <b>1)</b> better pricing for parts and maintenance contracts through economy of scale, <b>2)</b> limiting the on-hand inventory need, and <b>3)</b> reduction in training requirements for staff. The brand has been installed in County facilities through one-for-one replacements and new construction/renovations.
Fire System Diesel Exhaust	Plymovent	This brand is installed and maintained in all of the County’s firehouses (all having such systems). Standardizing this equipment has led to: <b>1)</b> better pricing for parts and maintenance contracts through economy of scale, <b>2)</b> limiting the on-hand inventory need, and <b>3)</b> reduction in training requirements for staff. The brand has been installed in County facilities through one-for-one replacements and new construction/renovations.
Flush Valves	Sloan and Zurn	These brands are installed in most of Arlington County’s 2 million square foot of Building inventory and meet the water efficiency requirements for urinals and water closets. Automatic Flush Valves shall be Sloan only. Standardization has led to: <b>1)</b> Readily available replacements parts for seamless and reliable operation during outages, <b>2)</b> Uniform inventory of parts, <b>3)</b> County staff trained on systems, <b>4)</b> Proven reliability and <b>5)</b> User friendliness.
Intrusion Detection Systems	Bosch Radionics	This brand is installed and maintained in fifty-five (55) of the County’s facilities (all facilities having such systems). Standardizing this equipment has led to: <b>1)</b> better pricing for parts and maintenance contracts through economy of scale, <b>2)</b> limiting the on-hand inventory needed, and <b>3)</b> reduction in training requirements for staff. The brand has been installed in County facilities through one-for-one replacements and new construction/renovations.
Locksets	Corbin <i>CL3300 Series</i> <i>Keyway 4L</i>	Standardizing our locksets has led to: <b>1)</b> better pricing for replacement parts and maintenance contracts through economy of scale, <b>2)</b> limiting the

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	Schlage <i>D Series C</i> <i>Keyway</i>	on-hand inventory needed with readily available replacements parts, <b>3)</b> reduction in training requirements for maintenance staff, <b>4)</b> known past performance and proven reliability and <b>5)</b> Uniform inventory of parts and keys. The acceptable brands have generally been installed in the County’s facilities through one-for-one replacements as a part of the County’s capital improvement program.
Main Distribution Panels, sub-panels and disconnects	Cutler Hammer, Siemens, and Square D	Cutler Hammer, Siemens, and Square D installed across the County’s inventory of Buildings due to long lasting quality, reliability, maintenance free quality, and readily available replacement parts. Added to this that our maintenance staff is familiar and knowledgeable with these products.
Motor Control Centers	General Electric, Siemens and Square D	General Electric, Siemens and Square D installed across the County due to long lasting quality, reliability, maintenance free quality, and readily available replacement parts. Added to this that our maintenance staff is familiar and knowledgeable in these products.
Network/Digital Video Recorders	Pelco	This brand installed and maintained in twenty-two (22) of the County’s facilities (all facilities having such systems outside of the Justice Center). Standardizing this equipment has led to: <b>1)</b> better pricing for parts and maintenance contracts through economy of scale, <b>2)</b> limiting the on-hand inventory needed, and <b>3)</b> reduction in training requirements for staff. The brand installed in County facilities through one-for-one replacements and new construction/renovations.
Rooftop Units	AAON, Carrier, McQuay and Trane	AAON, Carrier, McQuay and Trane installed in over 80% of the County Facilities due to long lasting quality, reliability, readily available replacement parts and on-call PM contractors who provide post-installation maintenance and repair services. These systems are compatible with our Building Automation System providers including the BACnet system (open source) protocols. Added to this, our maintenance staff are familiar and knowledgeable in these products.

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Variable Refrigerant Volume (VRV)/Variable Refrigerant Flow (VRF) Systems	Daikin, LG, and Mitsubishi	These brands installed in two County Buildings, Homeless Services Center and the Equipment Bureau and there is a growing demand for this product. Arlington County is evaluating this new technology for its changing space needs. VRF/VRV systems are easy to maintain, modular and lightweight that facilitates faster installation and ease of maintenance. As this is a relatively new technology, there is a small pool of manufacturers who provide reliable products and good after-market service. Standardization will lead to; <b>1)</b> Readily available replacements parts, <b>2)</b> Uniform inventory of parts, <b>3)</b> County staff trained on systems and <b>4)</b> Proven reliability.
Waterless Urinals	Waterless Co. Inc. (porcelain type)	This brand installed in various County office Buildings. In the future, our intent is to install this product in new Buildings and major renovations in Buildings built after 1980 only. In our opinion, there is no competing product in the market for a similar product. Standardization has led to: <b>1)</b> Readily available replacements parts, <b>2)</b> Uniform inventory of parts, <b>3)</b> County staff and fire station personnel trained on proper maintenance, and <b>4)</b> Proven reliability.