

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE  
ADVANCE ES300™ ST**

<b>GENERAL</b>	The machine shall be of the type generally described as a “self-contained” carpet extractor. The extractor shall have received a minimum Silver approval level from CRI through their Certified Deep Cleaning System Program. The vacuum unit shall be adaptable for use with hose, wand and tools for wet vacuuming independent of the unit. An optional hard floor kit and brushes shall be available to convert this machine to a hard floor scrubber.
<b>SOLUTION TANK</b>	Shall have 9 gal (34 L) capacity. It must be constructed of a molded polyethylene material and have a drain hose. It must have a solution filter inside the tank that can be removed by the operator without the use of tools.
<b>RECOVERY TANK</b>	Shall have 7 gal (26.5 L) capacity. It must be constructed of a molded polyethylene material. The recovery tank shall have an auto shut-off float device to prevent liquid from entering the vacuum motor and an easily accessible front drain hose.
<b>SOLUTION PUMP</b>	Shall be diaphragm, by-pass type controlled by a switch located on the handle and be 120 psi.
<b>SPRAY NOZZLE</b>	Shall have one spray nozzle. Nozzle shall be situated in front of all wheels.
<b>OPERATING HANDLE</b>	All controls shall be on the operating handle. Handle shall be capable of variable height adjustments for ergonomic operator use.
<b>SCRUB BRUSH</b>	Shall be removed and installed without the use of tools. Shall have a high-impact plastic core, 3 in (7 cm) in diameter and 16 in (38 cm) long. Bristles shall have 0.75 in (2 cm) exposure. Brush shall be raised when operating handle is in the storage/transport position. An adjustment lever to raise and lower the brush shall be easily accessible and located directly above the brush deck.
<b>VACUUM SHOES</b>	Shall be removed and installed without the use of tools. Shall be a single shoe that pivots so as to follow the contour of uneven floor surfaces.
<b>VACUUM MOTOR</b>	Shall be 1.5 hp, three-stage, by-pass design.
<b>MASTER SWITCH</b>	Shall have two 2-position rocker switches. Switch one is master power. Switch two: Position 1 activates pump, brush and vacuum motor. Position 2 deactivates the brush motor for accessory use.
<b>BRUSH MOTOR OVERLOAD</b>	Shall have brush overload current protection that automatically shuts-off brush motor under sustained overload conditions.
<b>POWER CABLE</b>	Shall be Yellow, 50 ft (15 m) in length, non-marking vinyl covered.
<b>WEIGHT</b>	102 lb (46.3 kg)
<b>DIMENSIONS</b>	Minimum Machine Length: 28 in (71 cm) Machine Width: 19.5 in (49.5 cm) Tank Height: 32 in (81 cm)

**THE MACHINE SHALL BE AN ADVANCE ES300™ ST**