

**SUGGESTIONS FOR WRITING BID SPECIFICATIONS ON THE  
Clarke EX30**

<b>GENERAL</b>	The machine shall be a portable carpet extractor with optional 15 foot recovery hose and a single bend floor tool. Shall be ETL approved.
<b>SOLUTION TANK</b>	Shall have a 12 gallon (45 L) capacity. It must be constructed of rotational molded polyethylene material. 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 10 gallon (37 L) capacity and be constructed of rotational molded polyethylene material. Shall be equipped with a quick-release gate-type drain mounted such that it can be drained into a standard toilet. Shall be able to connect to a 1.5 inch (3.8 cm) diameter recovery hose. Shall have an auto shut-off float device to prevent liquid from entering the vacuum motor.
<b>SOLUTION PUMP</b>	Shall use a 500 psi rated pump which dispenses solution at 0.8 g.p.m.
<b>VACUUM MOTORS</b>	Shall be a single 3 stage, 12.5 amp, 115 V/60 Hz, with a by-pass design. Shall be capable of producing 200 inches (508 cm) sealed waterlift and airflow shall be 200 cfm (3,030 L/min.). Motor shall be protected by a float shut-off system and an in-line strainer.
<b>HEAT EXCHANGER</b>	Available on the EX30. Shall be an in-line heater element located after the pump. Shall be able to produce instant heat to 212° F.
<b>MOTOR HOUSING</b>	Shall be clam shell design and constructed of rotational-molded polyethylene and secured to the solution tank with a single latch. Shall have molded in handles on front and rear for lifting the unit. Shall have molded in compartment designed to hold chemical bottles or other cleaning items.
<b>CONTROL PANEL</b>	Shall have waterproof switches. The EX30 shall have an indicator light for the circuit locator.
<b>WHEELS</b>	Shall have two 4 inch (10 cm) front swivel casters with a brake and two 12 inch (30.5 cm) by 1.75 inch (4 cm) rear wheels.
<b>POWER CABLE</b>	Shall be no less than 25 feet (7.5 m), detachable, safety yellow in color, 12/3 conductor, non-marking, vinyl covered. The EX30 shall have two power cords.
<b>ACCESSORIES</b>	Shall have as standard equipment a single bend floor tool, a 15 foot (4.5 m) solution hose and a 15 foot (4.5 m) recovery hose.
<b>WEIGHT</b>	Shall be no more than: Net – 110 lb (50 kg) Shipping – 152 lb (70 kg)
<b>DIMENSIONS</b>	Shall be no more than: Length – 39 inches (100 cm) Width – 25 inches (64 cm) Height – 33 inches (84 cm)

**THIS MACHINE SHALL BE A Clarke EX30**