



NSS Enterprises, Inc.

## Bid Specification

### Champ 2417 RB

#### *24" Cleaning Path, 17 Gallon Rider Scrubber*

| <u>Specification</u> | <u>Description</u>   |
|----------------------|--|
| General              | The machine shall be a rider scrubber with a 24" cleaning path   |
| Cleaning Path        | The cleaning path shall be 24" (61 cm)   |
| Vacuum Motor         | The vacuum motor shall be a 3-stage bypass type and 0.54 HP (400 W). The motor shall provide 46" (1168 mm) of water lift.  |
| Brush Motor          | There shall be two 0.33 HP (250 W) counter-rotating brush motors. The motors shall turn 175 RPM.   |
| Brushes              | There shall be brushes available for light scrubbing, deep scrubbing, and concrete scrubbing applications.   |
| Pad Drivers          | The machine shall have two 12" (30 cm) pad drivers   |
| Solution Flow        | The machine shall be equipped with a solenoid valve to prevent solution flow when the machine is stopped. Solution shall have five pre-set flow rates. The pre-set flow rates shall be 0.2, 0.4, 0.6, 0.8 and 1.0 gallons per minute (0.8, 1.5, 2.2, 3.0, and 3.8 liters per minute) |
| Drive Motor          | The machine shall have a 0.40 HP drive motor   |
| Drive Wheel          | The machine shall be equipped with a 7.9" (20 cm) non-marking rubber wheel   |
| Drive Speed          | The machine shall drive at speeds up to 3.1 mph (5.0 kph)  |
| Solution Tank        | The solution tank shall be made of rotomolded polyethylene and have a capacity of 17 gallons.  |
| Recovery Tank        | The solution tank shall be made of rotomolded polyethylene and have a capacity of 17 gallons. The machine shall have a debris filter in the recovery tank.   |
| Construction         | The machine shall have a steel frame with rotomolded polyethylene tanks.   |
| Squeegee             | The squeegee shall be curved type, 30.3" (77 cm) wide and have a Linatex rubber squeegee blade.  |
| Dimensions           | Length: 52" (134 cm)   |



NSS Enterprises, Inc.

## Bid Specification

Width: 23.6" (77 cm)

Height: 44.5" (113 cm)

|                 |  |
|-----------------|--|
| Batteries       | The machine shall be equipped with either 2x12V/130 AH Wet Acid batteries or 2x12V/110 AH AGM batteries.   |
| Battery Charger | The battery charger shall be incorporated into the machine and shall have an input voltage range of 100V – 240V.                                     |
| Recharge Time   | The machine shall have a recharge time of up to 14 hours.  |
| Seat            | The seat shall be equipped with a safety switch that prevents operation if the operator is not seated. The seat shall have two adjustable positions. |
| Brakes          | The machine shall be equipped with an Electromagnetic brake that automatically engages when the machine is stopped.                                  |
| Emergency Stop  | The machine shall be equipped with an Emergency stop button below the seat that will stop all machine functions when pressed.                        |
| Deck Lift       | The machine shall be equipped with an actuator that automatically lifts the deck when the machine is stopped.  |
| Weight          | Machine weight, without batteries shall be 566 lbs. (257 kg)   |
| Sound Level     | The machine shall have a sound level of no more than 69 dBA.   |
| ISO 9000        | The machine shall be manufactured by a company registered to the ISO 9001 standard.  |
| Warranty        | The machine shall have a limited warranty of three years for parts and one year for repair labor.  |