



## SECTION V – REVISED SCOPE OF WORK

CITY OF PHOENIX  
200 W. Washington St,  
7<sup>th</sup> Floor  
Phoenix, AZ 85003  
(602) 256-5634

### SECTION V – SCOPE

For the supply of industrial rider sweepers weighing less than 6,000 pounds.

#### SPECIFICATIONS

##### 1. BID ITEM ONE

##### 1.1 SWEEPING SYSTEM

- a. Cleans approximately 124,080 sq. ft. per hour
- b. Sweep Path: 53 inches
- c. Main Broom: 36 inches
- d. Side Broom: 24 inches
- e. Hopper Type: High Dump
- f. Hopper Load Volume: 10 cubic feet
- g. Hopper Capacity: 650 pounds
- h. Dust Control: 92 square feet
- i. High Dump: 60 inches

##### 1.2 DEBRIS SYSTEM

- a. Direct throw sweeping method
- b. Oversized hopper
- c. Quick-change, floating main and retractable side broom
- d. Dual-performance sweep mode
- c. Multi-level high-dump

##### 1.3 AIR MOVING SYSTEM

- a. Dual-phase dust filtration
- b. Built-in pre-filtering
- c. Screen panel filters for dust control
- d. Electric filter shakers

##### 1.4 CHASSIS

- a. Steel Construction
- b. All-terrain Capability
- c. Automotive-type suspension on rear wheel
- d. Mechanical Brakes, Hand Lever Parking Brake
- e. Headlight and Tail Lights

##### 1.5 GAUGES

- a. Fuel Gauge
- b. Hour Meter Gauge
- c. Engine Oil Pressure Gauge
- d. Engine Coolant Temperature Gauge
- e. Battery Indicator Gauge
- f. Water Indicator Gauge

##### 1.6 DRIVE SYSTEM

- a. Industrial liquid-cooled engine
- b. Heavy-duty radiator and Tri-phase air cleaner



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- c. Hydraulics protection package
- d. 4-Core Radiator
- e. Shock-mounted hydraulic impeller
- f. Engine area shielded from exhaust air

### **1.7 TIRES**

- a. Pneumatic tires

### **1.8 DIMENSIONS**

- a. Length: 79 inches
- b. Width: 53 inches
- c. Height: 53 inches
- d. Turning Radius 82 inches

### **1.09 Optional Attachments (please provide an option sheet with bid submittal)**

### **1.10 COLOR:**

- a. Manufactures standard color

### **1.11 WARRANTY**

- a. Parts 4 years / 3,000 Hours
- b. Engine 5 Years / 3,000 Hours

### **1.12 MANUALS (due upon delivery of equipment)**

- a. One hard copy operators' manual.
- b. One soft copy service manual.
- c. One soft copy parts manual.

## **2. BID ITEM TWO**

### **2.1 SWEEPING SYSTEM**

- a. Cleans approximately 184,800 sq. ft. per hour
- b. Sweep Path: 64 to 77 inches
- c. Main Broom: 48 inches
- d. Side Broom: 26 inches
- e. Hopper Type: High Dump
- f. Hopper Load Volume: 22 cubic feet
- g. Hopper Capacity: 1500 pounds
- h. Dust Control: 110 square feet
- i. High Dump: 64 inches

### **2.2 DEBRIS SYSTEM**

- a. Direct throw sweeping method
- b. Oversized hopper
- c. Quick-change, floating main and retractable side broom
- d. Dual-performance sweep mode
- c. Multi-level high-dump



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### 2.3 AIR MOVING SYSTEM

- a. Dual-phase dust filtration
- b. Built-in pre-filtering
- c. Screen panel filters for dust control
- d. Electric filter shakers

### 2.4 CHASSIS

- a. Steel Construction
- b. All-terrain Capability
- c. Automotive-type suspension on rear wheel
- d. Mechanical Brakes, Hand Lever Parking Brake
- e. Headlight and Tail Lights

### 2.5 GAUGES

- a. Fuel Gauge
- b. Hour Meter Gauge
- c. Engine Oil Pressure Gauge
- d. Engine Coolant Temperature Gauge
- e. Battery Indicator Gauge
- f. Water Indicator Gauge

### 2.6 DRIVE SYSTEM

- a. Industrial liquid-cooled engine
- b. Heavy-duty radiator and Tri-phase air cleaner
- c. Hydraulics protection package
- d. 4-Core Radiator
- e. Shock-mounted hydraulic impeller
- f. Engine area shielded from exhaust air

### 2.7 TIRES

- a. Pneumatic tires

### 2.8 DIMENSIONS

- a. Length: 105 inches
- b. Width: 60 inches
- c. Height: 53 inches
- d. Turning Radius 110 inches

### 2.09 Optional Attachments (please provide an option sheet with bid submittal)

### 2.10 COLOR:

- a. Manufactures standard color

### 2.11 WARRANTY

- a. Parts 4 years / 3,000 Hours
- b. Engine 5 Years / 3,000 Hours

### 2.12 MANUALS (due upon delivery of equipment)

- a. One hard copy operators' manual.



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- b. One soft copy service manual.
- c. One soft copy parts manual.

### **3. BID ITEM THREE**

#### **3.1 SWEEPING SYSTEM**

- a. Cleans approximately 217,800 sq. ft. per hour
- b. Sweep Path: 72 to 84 inches
- c. Main Broom: 56 inches
- d. Side Broom: 26 inches
- e. Hopper Type: High Dump
- f. Hopper Load Volume: 30 cubic feet
- g. Hopper Capacity: 2,000 pounds
- h. Dust Control: 180 square feet
- i. High Dump: 64 inches

#### **3.2 DEBRIS SYSTEM**

- a. Direct throw sweeping method
- b. Oversized hopper
- c. Quick-change, floating main and retractable side broom
- d. Dual-performance sweep mode
- c. Multi-level high-dump

#### **3.3 AIR MOVING SYSTEM**

- a. Dual-phase dust filtration
- b. Built-in pre-filtering
- c. Screen panel filters for dust control
- d. Electric filter shakers

#### **3.4 CHASSIS**

- a. Steel Construction
- b. All-terrain Capability
- c. Automotive-type suspension on rear wheel
- d. Mechanical Brakes, Hand Lever Parking Brake
- e. Headlight and Tail Lights

#### **3.5 GAUGES**

- a. Fuel Gauge
- b. Hour Meter Gauge
- c. Engine Oil Pressure Gauge
- d. Engine Coolant Temperature Gauge
- e. Battery Indicator Gauge
- f. Water Indicator Gauge

#### **3.6 DRIVE SYSTEM**

- a. Industrial liquid-cooled engine
- b. Heavy-duty radiator and Tri-phase air cleaner
- c. Hydraulics protection package
- d. 4-Core Radiator



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- e. Shock-mounted hydraulic impeller
- f. Engine area shielded from exhaust air

### **3.7 TIRES**

- a. Pneumatic tires

### **3.8 DIMENSIONS**

- a. Length: 105 inches
- b. Width: 68 inches
- c. Height: 53 inches
- d. Turning Radius 115 inches

### **3.09 Optional Attachments (please provide an option sheet with bid submittal)**

### **3.10 COLOR:**

- a. Manufactures standard color

### **3.11 WARRANTY**

- a. Parts 4 years / 3,000 Hours
- b. Engine 5 Years / 3,000 Hours

### **3.12 MANUALS (due upon delivery of equipment)**

- a. One hard copy operators' manual.
- b. One soft copy service manual.
- c. One soft copy parts manual.