SECTION 11145
VEHICLE WASH EQUIPMENT
PART 1 Equipment

1.1 Bus Wash Equipment

A. High Pressure/Low Pressure Combination System, includes the following:
1. High Pressure Soap.
2. High Pressure Wax.
3. High Pressure Rinse.
4. Wall Mount Low Pressure Foam Brush, one each side.
5. Stainless Steel Frame.
8. Stainless Steel Pump and Motor Bases, Two.
10. Giant P56W High Pressure Pump, Two.
11. Unloader/Regulators, Two.
12. One HP, 208V., three phase Air Pump for Foam Brush.
13. Main Power Disconnect Switch.
14. Door Mounted Bay Test Switches.
15. UL Listed Motor Control Center.
16. Rotary Switch in watertight remote control box with on/off timer, Two.
17. 25' Remote Electrical Cable.
18. Trigger Gun, with stainless steel wand and tip protector, Two.
19. Hogs Hair Brush Head with Brush Wand, Two.
20. 180 Degree Stainless Steel Wall Mount High Pressure Boom, Two.
21. 180 Degree Stainless Steel Wall Mount Low Pressure Boom, Two.
22. Miscellaneous Hoses, Tubing, and Fittings for High and Low Pressure Functions.

B. Waste Water Equipment: Water shall run through an oil water separator to remove oils, road film, and waxes. Treated water from tank is then released into irrigation system via pump with float switch.

1. Oil/Water Separator Tank, 1500 gal.
2. Sump Pump
3. Float Switch
4. PVC piping and irrigation heads

C. Acceptable Manufacturers and Models.

1. Southern Pride Systems, Inc.
   426 South Maple Street
   P.O. Box 1060
   Graham, NC 27253
   Local Representative:
   Southern Pump & Tank Company
   5533 W. Beaver St.
   Jacksonville, FL 32254
   (904) 388-7571

2. A-OK Equipment or Supply
   1-888-536-7100
   6031 Pilsbury Ave. So.
   Minneapolis, MN 55419
   Local representative:
   Rocky Creek Wash Systems
   (727) 536-6900

1.2 Vacuum

A. Commercial Vacuum
   1. Two Door
   2. 3-Motor 110 Volt/ 24 Amps
   3. Standard Dome
   4. 45' Hose with hanging rack system
   5. 3' x 3' x 6" thick concrete mounting slab, top 6" above grade.

B. Acceptable Manufacturers and Models.
   1. Model # 9235-3
      J.E. Adams Industries LTD. (or equal)
      1-800 553-8861
      1025 63rd Ave. SW, P.O. Box 2483
      Cedar Rapids, IA 52404

1.3 Raised Walkway System

A. Miscellaneous Support Structure (Extren Fiberglass Series 525)
B. Grating, Fiberglass (Duragate 1.5 square mesh)
C. Guardrail & Handrail System, Fiberglass (2" square S-line rail system)
D. Stairs, Fiberglass

E. Acceptable Manufacturers
   1. McNichols Co. (or equal)
      P.O. Box 30300
      Tampa, Florida 33630-3300
      1-813-243-1800

1.4 Warranty

A. One-Year Warranty on equipment, parts, and labor, commencing on the date of Substantial Completion.
B. One-Year Service Contract, including maintenance and solutions, commencing on the date of Substantial Completion.
July 30, 2021

Re: Baker Bus Wash Facility

To Whom it May Concern:

The City engineer has reviewed the plans for the Baker Bus Wash and has no concerns with the proposed water and sewer demand. The connection to existing on-site gravity sewer is adequate. The City reserves the right to require sampling and additional pretreatment measures if the City experiences issues at the WWTF once in service.

Sincerely,

[Signature]

Phil Rhoden