Solicitation Name: Flexible Porous Paving Applications – Arlington County

NIGP Code: 91396 : Paving/Resurfacing, Street (Major and Residential)
Specification: Arlington County, Department of Environmental Services, Water Sewer, Streets Bureau is looking for contractors to perform flexible porous paving applications on an as-needed basis countywide. The work shall conform to the following specifications:

I.   Approved flexible porous paving manufacturers

- ~~Flexi-Pave~~
- PerkEpave

II. Installer Qualifications

- Flexible Porous Paving installer shall be required to be familiar with installation procedures and to have attended the Manufacturer installation training program.
- Flexible Porous Paving installer shall employ no less than two Manufacturer-trained Flexible Porous Paving technicians on staff who directly oversee and perform the installations during all Flexible Porous Paving placement.

III. Flexible porous paving

1) For PerkEpave

- Stone: Triple-washed and dried coarse aggregate (1/4 to 3/8 inch) per ASTM C 33. Bagged in 50 lb. quantity.
- Nominal maximum aggregate size shall not exceed 1/3 of the specified paving thickness.
- Rubber: Recycled passenger tires ground to 1/4" nominal with wire remnants removed.
- Binding agent: urethane liquid prepolymer based upon DiphenylmethaneDiisocyanate.
- Mix Design: Using materials mix ratio as acceptable by the Manufacturer for the intended application.
- The volume by weight of aggregate shall be as required by the Manufacturer for the intended application.
- Forms shall be clean and free of debris of any kind, rust, and hardened concrete and make use of a Bio-diesel or vegetable oil as a form release.

2) For Flexi-Pave

- All KBI-Flexi-Pave materials are to be acquired from KBI, Inc., their approved agents, or approved distributors.
- KBI-Flexi-Pave is porous, and meets class B fire rating criteria.
- Primer to be single component moisture cured urethane.
- The urethane binder agent is an elastomeric, pre-polymer with minimal odor prior to fully curing.
- The urethane binder is 100% MDI based.