

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS PRE-QUALIFICATION WORK CLASSIFICATIONS

A. HIGHWAY CONSTRUCTION/TRAFFIC

1. Concrete

Construction of concrete **roadways**, including other construction incidental thereto. For concrete on buildings you will either be a sub or need to apply under I-1 (Building Construction). For concrete curb and gutters please see category E

2. Bituminous

Construction of bituminous base and surface courses for large bituminous concrete road/highway projects, including other construction incidental thereto. For bituminous paving of parking lots or small areas please refer to the category of M-2 (Parks – Roadways/Parking Lots)

4. Traffic Signalization

Installation, removal and modification of traffic signals or traffic signal related equipment, including other construction incidental thereto.

5. Slurry Seal

The use of Emulsion Asphalt for the short term maintenance of road surfaces.

6. NOVACHIP

Surface treatment using the patented NOVACHIP process.

7. Recycling & Reclamation

Reclaiming existing paving, stonebase and/or subgrade. Stabilizing with additives such as Portland Cement, Calcium Chloride or Asphalt Emulsions to achieve new base or surface for existing road.

B. GRADING

Mass grading of a site. Grading is usually for highway construction, site preparation, drainage channels, dams, drainage impoundments and construction incidental thereto.

C. DRAINAGE CHANNELS

Grading and permanent lining with durable materials of concrete, bituminous, riprap and gabions. Below grade but not covered.

D. STRUCTURES

1. Bridges

Construction or rehabilitation of highway, railroad and pedestrian bridges and work incidental thereto.

2. Culverts

Construction of pipe culverts and box culverts.

3. Structural Plate Arch

Construction of structural plate arches and work incidental thereto.

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4. **Retaining Walls (3'+)**

Construction of retaining walls over 3-foot clear face, including those of reinforced concrete, masonry, timber, etc.

E. **CURB & MISCELLANEOUS APPURTENANCES**

Construction of curb and gutter, sidewalks, steps, ramps, treewells and low retaining walls under 3-foot clear face.

F. **UTILITIES**

1. **Sanitary Sewers**

Installation of new and replacement of existing sewer main pipeline in County rights-of-way and construction incidental thereto. Projects must be for over a thousand linear feet.

***Service Connections Only** – Contractor is only prequalified to install 6” sanitary house connections.

2. **Water Mains**

Installation of new and replacement of existing water main pipeline in County rights-of-way and construction incidental thereto. Projects must be for over a thousand linear feet.

***Service Connections Only** – Contractor is only prequalified to install domestic water services that are 2” or less, as well as fire hydrants and leads.

3. **Storm Drains**

Installation of new and replacement of existing storm drain pipeline in County rights-of-way and construction incidental thereto. Projects must be for over a thousand linear feet.

***Service Connections Only** – Contractor is only prequalified to do work on-site. Contractor may not lay any pipe in the public right-of-way.

4. **Tunnels**

Construction of underground conduit without the continuous disturbance of the ground surface. Includes mining methods; jacking and mining method jacking/boring or augering method.

5. **Cleaning & Lining Pipe Lines - Water**

Cleaning and lining of water pipelines and work incidental thereto.

6. **Relining & Rehabilitation of Sanitary Sewers**

Cleaning and lining of sewer lines and work incidental thereto.

7. **Grinder Pumps**

Installation of sanitary sewer grinder pumps for private homes and all

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associated systems and work incidental thereto.

- 8. Trenchless Rehabilitation of Storm Drains**
Rehabilitation of storm drains by trenchless technology methods and will include the cleaning, lining and joint sealing and work incidental thereto.
- 9. HDPE Water Mains**
Installation & connection of High Density Polyethylene water mains in County rights-of-way using approved electrofusion products (including but not limited to service saddles) and butt fusion welded products.
- 10. Sanitary Sewer Structure Rehabilitation**
Repair of the interior of existing sewer structures using an epoxy surfacing system. Contractors must be approved to apply the Warren Environmental line of repair/rehabilitation products.
- 11. Structural Rehabilitation of Water Mains**
Cured-in-place structural rehabilitation of water transmission and distribution pipelines in County rights-of-way using Class IV liners per AWWA Manual of Water Supply Practices M-28, Rehabilitation of Water Mains, Second Edition; and work incidental thereto. Contractor shall be certified by the lining manufacturer and have at least three years active experience with the specific approved lining systems. The pipe lining materials shall be: NORDIPIPE™ as manufactured and supplied by SEKISUI NordiTube, Inc. of Hammond, Louisiana, Aqua-Pipe™ – as manufactured and supplied by Sanexen Environmental Services, Inc.; InsituMain™ – as manufactured and supplied by Insituform, an Aegion Company, or Engineer approved equal.

G. PUMPING STATIONS

Treatment Plants do not meet the requirements of pumping stations.

Prepacked stations do not meet the requirements of our category.

- 1. New Construction**
All work involved with the construction of new water and/or sewer pumping stations. Work to include, but not limited to, piping, valves, pumps, motor control centers, electrical controls, lighting, HVAC, telemetry and instrumentation.
- 2. Renovation/Upgrades**
Renovations/upgrades to existing water and/or sewer pumping stations. Work to include, but not limited to, piping, valves, pumps, motor control centers, electrical controls, lighting, HVAC, telemetry and instrumentation.
- 3. Electrical**
Installation of new electrical service and/or removal and installation of electrical service within pumping stations. Work to include but not limited to motor control centers, pump control panels, telemetry and instrumentation.

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H. ELEVATED WATER STORAGE TANKS

Construction of elevated water storage tanks and other construction incidental thereto.

I. BUILDINGS

1. Construction

Construction of new public buildings such as offices, garages, salt storage, libraries, fire stations, police stations, jails, schools, etc. These buildings may not be residential in nature.

2. Renovation

All work involved in renovation of existing public buildings as defined under I-1. These buildings may not be residential in nature.

3. Historical Restoration

Historical restoration of existing public buildings such as structural strengthening, matching woodwork and trim, matching hardware, etc. and construction incidental thereto.

4. Electrical

Installation of new electrical work within new buildings and on-site work. Removal and installation of electrical work in buildings and on-site work. (Does not include traffic control work or street lights.)

5. Mechanical

Installation or remodeling of plumbing, heating, ventilation and air-conditioning systems in commercial or public buildings (as outlined in Category I-1). Includes boilers and chillers. (Does not include sprinkler systems.)

6. Roofing

Construction or repair of roofs (all types). Includes incidental work such as flashing, gutter work, etc.

7. Demolition

Razing and disposal of buildings and work incidental thereto.

8. Asbestos Removal/Encapsulation

(Contractor must possess a current "State of Maryland Department of the Environment License" for Asbestos Removal and Encapsulation.)

9. Lead Paint Abatement

Must be accredited by the MD Department of the Environment as a lead paint abatement contractor. The contractor must employ a supervisor who is accredited as a lead paint removal and demolition supervisor.

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J. PAINTING

1. Elevated Structures

Cleaning, priming, and application of finish coats to existing (in-place) bridges and elevated water tanks, including all methods and procedures.

K. LANDSCAPING/ENVIRONMENTAL

3. Landfill

Construction of cell floor and/or cell caps, including piping, use of various types of geosynthetic materials, and placement of cover materials

4. Landfill Gas

Installation of extraction wells into landfills, including piping between wells and flares/energy recovery units.

5. Stream Restoration

Channel restoration and stabilization utilizing natural materials and/or bioengineering techniques and construction incidental thereto.

6. Wetland Creation and Restoration

Includes site preparation and the installation of upland, emergent and/or submergent plants and construction incidental thereto.

M. PARKS

1. Recreational

Construction or rebuilding of play fields and work incidental thereto.

2. Roadways and Parking Lots

Construction of roadways, paved trails and parking areas for light traffic.

N. MARINE CONSTRUCTION

1. Dredging Services

Hydraulic and/or mechanical dredging of navigation channels, spur channels and dredge material placement.

2. Shoreline Restoration and Enhancement - Structural and non-structural stabilization techniques to include breakwaters, sills, groins, jetties, revetments and beach replenishment.

3. Marine Construction Services - Construction of piers, bulkheads, boat ramps and pile driving.

4. Marine Demolition and/or Salvage - Derelict boats, pile extraction and marine debris removal and disposal.

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O. OTHER SPECIALITY CATEGORIES – TO BE DETERMINED BY DPW

1. **Prestressed Concrete Tanks**

Prestressed concrete tank contractor shall furnish complete in place wire-wound circular prestressed concrete tanks constructed in accordance with AWWA Standard D110, latest edition. Prestressed concrete tanks shall be constructed to contain potable water and shall have Type III (precast concrete with steel diaphragm) core wall construction. Contractor shall have a minimum of five (5) years experience in the design, construction and inspection of wire-wound circular prestressed concrete tanks.

3. **Cathodic Protection**

Cathodic protection contractors shall be provide all engineering services, materials, equipment, labor and supervision to furnish complete in place cathodic protection systems for pipelines and steel structures. They shall have a minimum of five (5) years experience installing and servicing cathodic protection systems of both the impressed current and galvanic anode type. The cathodic protection contractor must utilize the services of a corrosion specialist, accredited by the National Association of Corrosion Engineers (N.A.C.E.) as a Senior Corrosion Technologist or a Corrosion Specialist, to supervise the project or task.