

VILLAGE OF FRIENDSHIP HEIGHTS

VILLAGE COUNCIL

MELANIE ROSE WHITE, *Mayor*

ROBERT PESTRONK, *Chairman*

DANIEL AHR, *Vice Chairman*

MARTHA SOLT, *Secretary*

ROY SCHAEFFER, *Treasurer*

MICHAEL MEZEY

CHERYL TYLER

JULIAN P. MANSFIELD, *Village Manager*

4433 SOUTH PARK AVENUE
CHEVY CHASE, MARYLAND 20815

Phone: 301-656-2797

Fax: 301-907-3922

Email: info@friendshipheightsmd.gov

Website: www.friendshipheightsmd.gov



Invitation for Bids

Page Park Stormwater Management

The Friendship Heights Village Council, the governing body for the Village of Friendship Heights, invites proposals for civil engineering services and geotechnical engineering services in connection with Montgomery County permitting requirements associated with improvements to Page Park in the Village. Specifications with the bid invitation notice are posted on the eMaryland Marketplace site and the Village website

www.friendshipheightsmd.gov. **Bids and references must be submitted by 5 p.m., Tuesday, August 27, 2024, to Julian Mansfield, Friendship Heights Village Manager, jmansfield@friendshipheightsmd.gov.**

This notice is placed in compliance with the applicable provisions of Section 66 of the Montgomery County Code. The successful bidder will be required to execute affidavits of non-collusion, non-conviction, and non-suspension/disbarment (Md. Code, State Finance and Procurement Art. Sec 16-311(a) and (b)), and a written contract in a form approved by the Village. The successful bidder must be qualified and registered to do business in Maryland (Md. Code, Corps. Art. Sec. 7-201). The Village reserves the right to refuse all bids if none appear appropriate to the Village's circumstances.

VILLAGE OF FRIENDSHIP HEIGHTS

VILLAGE COUNCIL

MELANIE ROSE WHITE, *Mayor*

ROBERT PESTRONK, *Chairman*

DANIEL AHR, *Vice Chairman*

MARTHA SOLT, *Secretary*

ROY SCHAEFFER, *Treasurer*

MICHAEL MEZEY

CHERYL TYLER

JULIAN P. MANSFIELD, *Village Manager*

4433 SOUTH PARK AVENUE
CHEVY CHASE, MARYLAND 20815

Phone: 301-656-2797

Fax: 301-907-3922

Email: info@friendshipheightsmd.gov

Website: www.friendshipheightsmd.gov



Scope of Work

Page Park Stormwater Management

The Village of Friendship Heights is seeking civil engineering services and geotechnical engineering services associated with improvements to Page Park, located at 4621 North Park Avenue in Chevy Chase, Maryland. The Village has completed improvements to the existing park. Montgomery County Department of Permitting Services (DPS) has informed the Village that the project is subject to retroactive stormwater management requirements. Site improvements that have previously been constructed include the realignment of existing walkways, a new plaza area with a pergola structure, a relocated play area, and new stairs. The Village seeks an engineer to develop materials supporting a Stormwater Management Concept and Final Stormwater management permit and to submit them to the Montgomery County Department of Permitting Services (DPS) for review and approval. Services to be provided as described below:

Civil Engineering Services

- Complete one (1) site visit to verify the existing conditions and up to three (3) virtual meetings with the Village to discuss the analysis and requirements.
- *Stormwater Management Concept*: Prepare a Stormwater Management Concept Plan submittal for Montgomery County DPS review and approval. Respond to comments necessary for approval. This task will include all required plans, calculations and details.
- *Final Stormwater Management and Erosion and Sediment Control*: Prepare final stormwater management design and sediment control plans.

Package to include calculations, plans, notes, and details; storm drainage computations, plans, profiles, and structure schedules; and stormwater planting plans. Prepare application and bond estimates and submit them to Montgomery County DPS for review and approval.

Survey Services

- *Topographic Survey*: Prepare a topographic survey of the project site within the limits shown on the attached exhibit. The topographic survey limits will extend ten (10) feet onto the adjacent property and to the curb line of adjacent streets. The survey will include buildings, walks, driveways, fences, trees, spot elevations, 1-foot contours, two (2) benchmarks, and other major visible site improvements. The utilities will be shown based on visible above-ground features, utility markings, and available records. Inverts of gravity flow storm drains and sewers within the limits of the survey will be obtained, where readily accessible, and shown on the drawing.
- *Utility Designation (Quality Level B)*: Mark and identify underground utilities within the limits shown on the attached exhibit. Conductive utilities will be marked utilizing electromagnetic surface geophysical equipment. An electromagnetic sweep will also be performed to identify any unknown conductive utilities. Should a utility not be locatable by above mentioned practices, the client will be contacted to discuss alternative methods and additional fees. Non-conductive utilities will be depicted on the CAD drawings as per utility record(s), if available. Utilities depicted according to records (DATR) will be noted and identified with a DATR line type. Utilities will be marked in accordance with APWA color code Standards as well as C/I ASCE 38-02.
- *Stormwater Management Easement*: Prepare stormwater management easement documentation according to Montgomery County DPS standards. Process easement for signature and submit for recordation.

Geotechnical Engineering Services

- *Geotechnical Engineering Services*: Two (2) borings will be completed with infiltration testing.
- Review available project information including published geologic maps and soil information for the general project area.

- Perform site reconnaissance to review existing site conditions and site access for drilling equipment.
- Stake soil borings based on provided site drawings.
- Contact Miss Utility to mark buried utility lines.
- Mobilize a drill rig to enter the site at the most convenient location during standard business hours.
- Drill two (2) standard penetration test (SPT) borings for Stormwater Management facilities to a depth of 9 feet each or prior refusal. Aggregate boring footage is estimated at 18 feet.
- Auger two (2) probe holes, 7 feet deep, in offset holes to SWM borings for in-situ infiltration tests.
- Check each borehole for groundwater depth upon completion of drilling, and 24 hours after completion of drilling.
- Install an infiltration pipe in an offset borehole for infiltration testing.
- The boreholes will be backfilled with excavated soil. Excess drill cuttings will be left on-site at a location approved by the client.
- Perform laboratory testing on recovered soil samples. Laboratory testing will include a visual classification of each collected sample. Selected samples will be further tested to determine natural moisture content, Atterberg limits, and gradation for classification purposes. The laboratory testing will be performed in accordance with ASTM and USDA standards.
- Our analyses and recommendations will be summarized in the geotechnical engineering report which will include the following:
 - a. Observation from our site reconnaissance including the current site conditions, surface drainage, and surface topographic conditions.
 - b. A review of the published geologic conditions and their relevance to planned development.
 - c. A subsurface characterization and a description of the field exploration and laboratory tests performed. Groundwater and the presence of bedrock concerns relative to the planned construction, if any, will be summarized.
 - d. Boring logs will be prepared in accordance with the standard practice for geotechnical engineering. A boring location plan will be included, and the results of the laboratory tests will be plotted on the final boring logs or included on a separate test report sheet.

- e. Feasibility for infiltration for the proposed facility will be provided in our report.
- f. Discussion of any unusual soil conditions in boreholes (if encountered).
- A site visit is recommended prior to submitting a proposal. **Contact Julian Mansfield, Village Manager, jmansfield@friendshipheightsmd.gov** to schedule a visit.

