



# CITY OF PITTSBURGH

## Office of Management and Budget

William Peduto, Mayor

Kevin Pawlos, Director

### RFP AWARD RECOMMENDATION SUMMARY

#### OVERVIEW

The *Department of Mobility and Infrastructure* solicited a Request for Proposal RFP2100034, *Mount Washington Landslide Mitigation*. The summary of services include:

Preemptively secure the hillsides of Mt. Washington to minimize the probability of a catastrophic slope event. Three principle segments are being considered as part of the remediation project:

- “Back Side” – the slope of Mt. Washington aligned along SR 19/51 extending to West End Circle.
- The “Nose” – the narrow slope of Mt. Washington below the telecommunications tower and above freight rail lines
- “Front Side” – the slope facing downtown Pittsburgh and extending over the Liberty Tunnel.

#### RECOMMENDATION

After a thorough evaluation by the Selection Committee, we recommend an award be made to Gannett Fleming, Inc. based on:

GANNETT FLEMING (GF) OFFERS A LOCAL AND RESPONSIVE TEAM THAT HAS EXPERTISE AND EXTENSIVE EXPERIENCE. GF HAS DEDICATED STAFF INCLUDING MORE THAN 95 GEOTECHNICAL ENGINEERS OR ENGINEERING GEOLOGISTS WHO HAVE DESIGNED MORE THAN 25 LANDSLIDE STABILIZATION PROJECTS IN THE PAST FIVE YEARS. THEIR QUALIFICATIONS, TEAM AND APPROACH ARE INCLUDED IN THE ATTACHED.

**\*\*ABOVE: Please explain your justification for awarding to this vendor\*\***

**Example: (services with equal expertise at a lower overall cost to the city, etc.) You may also attach an additional document if you require more space.**

Department Director

September 10, 2021

Date

Office of Management & Budget

Date

**Please Note:** OMB will not notify any suppliers of an award or non-award until first approved by the Mayor’s Office!

## **RFP21000348 - Mount Washington Landslide Mitigation**

### Recommendation for selection

Gannett Fleming (GF) offers a local and responsive team that has expertise and extensive experience. GF has dedicated staff of more than 95 geotechnical engineers and engineering geologists who have designed more than 25 landslide stabilization projects in the past five years. Their qualifications, team and approach include the following:

GF's Project Manager, Brian Heinzl, has managed PennDOT District11's Geotech open-end contract. Brian has 32 years' experience with 40 landslide remediation projects and is 80% available for this project. Brian will lead the program and GF's project team and has extensive experience including the Route 30 Landslide remediation.

GF has assembled a large diverse team composed of 14 firms including 2 MBE's, 7 WBE's, and 2 VOSB'S and are cognizant of the City's goals for 18% MBE, 7% WBE and 5% VOSB participation.

In their organization chart, GF shows 8 people in their Geotech branch plus their PM. Several of their current Geotech staff and three of their sub consultants were involved in the example projects and the example projects listed were all slide mitigations. GF provided a proposed staff matrix with informative tables showing multi-level staff in required disciplines.

GF's QA/QC manager, R. Yauger, has 27 years' geotech experience including investigation of the slopes between the Fort Pitt Tunnel and West End Circle for the PAAC West Busway.

GF has installed monitoring points and rock anchors adjacent Duquesne Incline and show an excellent understanding of the causal factors of Mt. Washington slope instability. GF proposed several innovative ideas for slope remediation including soil nails, micropiles, reinforced soil slopes, deep soil mixing, rock mesh, rockfall fencing, and drainage systems. They highlighted the benefit of installing horizontal drains hundreds of feet into the hillside to capture groundwater from valley stress relief joints, reducing hydrostatic pressure.

GF will contribute technical solutions during scoping and design discussions, including (1) geotech treatments in lieu of structures (e.g., soil reinforcement or soil nails instead of retaining walls); (2) minimizing project footprint and property acquisition; (3) minimizing utility relocations; (4) Identifying potential permitting requirements; (5) identifying issues with material availability or lead times; (6) interim constructability reviews; and (7) minimizing construction phases.

GF's Task Order Manager will prepare a project-specific Project Execution Plan (PEP) which identifies tasks and key staff, project goals and constraints and overall project schedule and required deliverables.