



Item: Agreement for Professional Services: Lower West Hill Storm Drain – O.F. 1649

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Agreement for Professional Services

Suggested Motion:

1. Commissioner moves:

"I move the City Commission approve the Agreement for Professional Services in the amount of \$75,420.00 with NCI Engineering for the Lower West Hill Storm Drain - O. F. 1649, and authorize the City Manager to execute the Agreement."

2. Mayor calls for a second, discussion, inquiries from the public, and calls for the vote.

Staff Recommendation: Approve Agreement for Professional Services for Lower West Hill Storm Drain - O. F. 1649.

Background:

Significant Impacts

Complaints of flooding and saturated soil conditions in the West Hill Addition area have been received over the years from property owners both inside and outside the City. City staff inspected the area drainage and determined that there are several deficiencies that can be corrected with extensions of the storm drain system. The necessary extensions are proposed on Gore Hill along a portion of the western edge of the West Hill Addition, and north of West Hill between Sun River Road and the Sun River. Basic services in this Agreement include collecting information and data, conducting a field investigation, surveying, hydrologic and hydraulic modeling, a preliminary design report including improvement alternatives, cost estimates, final plans and specifications, right-of-way documents, permits, and assistance with the construction bidding and contract award. Optional services, which may be used at the City's discretion, include construction phase project management and inspection.

Citizen Participation

The services include coordination with property owners and government agencies including the State of Montana Departments of Transportation (MDT), Natural Resources and Conservation (DNRC), Environmental Quality and Fish Wildlife and Parks; Cascade County; Great Falls Airport Authority; and U.S. Army Corps of Engineers. The conceptual alignment for improvements crosses private property, public right-of-way under County jurisdiction, Interstate 15 (MDT's jurisdiction), and DNRC property.

Workload Impacts

NCI Engineering (NCI) has the available staff to perform the design engineering work scope in a 90 day period, plus any additional time it may take to secure right-of-way and permits. NCI also has adequate staffing to provide the optional construction phase services if the City so desires. Otherwise, City staff will handle the construction phase services.

Purpose

The professional design services will provide the City with plans, specifications, bid documents, easements, and permits for construction of drainage improvements to correct flooding and saturated soil problems in the West Hill area.

Project Work Scope

Services under this Agreement will include gathering background information and data including mapping, as-built plans, survey information, field investigation, verifying existing channels, piping, culverts and other conveyances; setting control points; conducting scoping and design meetings; hydraulic and hydrologic modeling; preparation of a pre-design report with improvement alternatives and cost estimates; preparing easement and other right-of-way documents; preparing stream bank and other environmental permit applications; preparing final plans, specifications and other bid documents; and assisting with the bidding process. It is anticipated the improvements will include approximately 2,000 lineal feet of storm drain pipe at three locations, plus manholes, inlet/outlet structures, roadway casing, stilling basins, drainage channels, and restoration of disturbed areas.

Evaluation and Selection Process

NCI was selected on a rotational basis to provide the professional services in accordance with the City's Architect, Engineer and Surveyor Selection Policy and also for their ability to perform the work in an acceptable time frame.

Conclusion

City staff recommends awarding the Professional Services contract to NCI Engineering for the Lower West Hill Storm Drain in the amount of \$75,420.00. The basic and optional construction phase services portions of the contract cost are \$48,860.00 and \$26,560, respectively.

Fiscal Impact:

City storm drainage funding is programmed to fund the cost of the project.

Alternatives:

The City Commission could vote to disapprove the Engineering Services Contract.

Attachments/Exhibits:

1. Agreement for Professional Services (Not available online; on file in City Clerk's Office.)