



Item: Amendment No. 1 to the Standard Agreement between Owner and Engineer for Professional Services for Great Falls North Sanitary Sewer and Storm Drainage Master Plan (O.F. 1476).

From: Engineering Division

Initiated By: Public Works Department

Presented By: Jim Rearden, Public Works Director

Action Requested: Approve Amendment No. 1

Suggested Motion:

1. Commissioner moves:

“I move that the City Commission approve Amendment No. 1 to the Standard Agreement for Professional Services between the City of Great Falls and Morrison-Maierle, Inc. for the Great Falls North Sanitary Sewer and Storm Drainage Master Plan (O.F. 1476).”

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

Staff Recommendation:

Approve Amendment No. 1 to the Standard Agreement Between Owner and Engineer for Professional Services between the City of Great Falls and Morrison-Maierle, Inc. for the Great Falls North Sanitary Sewer and Storm Drain Master Plan - O.F. 1476.”

Background:

Significant Impacts The northern edge of Great Falls, generally located north of the Riverview area between Bootlegger Trail (just west of U.S. Highway 87) and 6th Street N.W., has been one of the fastest growing areas of the City in recent years and further development has been proposed. Wastewater and storm runoff generated by this development have pushed the existing facilities (sewer mains, sewage pump stations and storm water retention reservoirs) to or over their limits. Also, the continuing development involving multiple developers and land under private ownership outside the City has created

many coordination, financial and use conflicts and issues involving development and right-of-way for the public infrastructure.

This area received minimal attention in the Waste Water Facilities Plan of 1998 and was not included in the Storm Drain Master Plan of 1989. Because of the existing deficiencies in the City's area sewer and storm drainage systems and challenges with new development, the City approved an engineering services contract with Morrison-Maierle, Inc. in July of 2006 to study and master plan public sewer and storm drainage improvements.

Citizen Participation Developers and nearby land owners have been actively involved along with the City and Morrison-Maierle with this master planning process. Also, the West Great Falls Flood Control and Drainage District has been involved in the planning process to assure that upstream development does not adversely impact their downstream flood control facilities at the confluence of the Watson Coulee drainage basin with the Sun River flood plain.

Workload Impacts Morrison-Maierle, Inc. has indicated they have adequate staffing and equipment resources in their local office to handle the additional work scope in the time frames specified. They anticipate approximately 85% of the work load will be handled by staff in the Great Falls office.

Purpose Amendment No. 1 increases the scope of the original study and master plan to include:

- 1) Supplementary sanitary sewer and storm drainage reports and cost estimates addressing capacity and development issues.
- 2) Identify sites and utility corridors, prepare certificates of surveys and utility easements, perform preliminary and final design engineering, and prepare bid ready plans and contract documents to construct several storm drainage capital improvements (see further explanation in "project work scope" below).
- 3) Expand the storm drainage study and master plan area to include the upper reaches of another drainage basin located to the east of the present study (see further explanation in "project work scope" below).

Project Work Scope The work scope for each item above is:

- 1) Includes preparing interim hydrology/hydraulic reports and cost estimates to upgrade existing and construct new sewer and storm drainage facilities. The information in the reports and cost estimates will provide the City with the means to charge current and future developers in the master plan area, including the Bootlegger, Eagles Crossing, and Northview Additions, for their fair and equitable share of the cost of these new capital improvements. These are the Task Series 400 and 500 in the Amendment document.

2) Includes surveys, right-of-way procurement, preparation of certificates of survey and/or easements, preliminary and final design engineering, preparation of plans, specifications and other contract documents to construct: 1) a regional storm water detention reservoir located to the north and west of the current Eagles Crossing Additions, 2) a channel to connect the new storm water detention reservoir to an existing drainage ditch located near the intersection of 6th Street N.W. and Vineyard Road, and 3) a storm drain to convey excess inflow from the existing NE Regional Retention Pond to the new regional detention reservoir. These are Task Series 900, 1000, and 1100 in the Amendment document.

3) The original storm drainage study and master plan included the southern and eastern portions of a drainage basin area generally known as Watson Coulee, including all or portions of the following developed or developing City subdivisions: Bootlegger, Countryside Village, Eagles Crossing, Henderson Heights, North Riverview Terrace, Northview, Skyline Park, Skyline School, and West Ridge Additions. The original study also includes other large areas currently outside the City that will likely be affected by City development. Amendment No. 1 expands the study area to include the upper reaches of another drainage basin that lies to the east of Bootlegger Road and generally encompasses another industrial development area including the Agricultural Industrial Park where the International Malting Company is situated. This work is referenced under Task Series 800 in the Amendment document.

Evaluation and Selection Process Morrison-Maierle, Inc. was selected in accordance with the City’s current Architect/Engineer/Surveyors Selection Policy. Because the services came under the “Intermediate Projects” category, the consultant selection was made on a rotational basis. It was also based on their ability to deliver the services in accordance with the City’s terms. Amendment No. 1 is a continuation of the initial contract.

Conclusion Amendment No. 1 is necessary to finish the sanitary sewer and storm drainage master plan and to complete the associated reports, to construct essential regional storm drainage infrastructure to serve demands of existing and new development in the Watson Coulee drainage basin, and to expand the storm drainage portion of the original study and master plan to include another drainage basin where industrial development has occurred and further development is proposed.

Concurrences: Not Applicable

Fiscal Impact: Amendment No. 1 increases the total contract amount by \$ 161,027.00. The cost and funding breakdown for each item identified in the “Purpose” above is as follows:

<u>Item(s)</u>	<u>Sewer Fund</u>	<u>Storm Drain Fund</u>
1) Additional Reports & Cost Estimates	\$ 1,732.50	\$ 15,430.50
2) Capitals Improvement R.O.W. and Design		\$ 104,501.00

3) Expand Storm Drainage Study Area

\$ 39,363.00

Sanitary Sewer and Storm Drain funding is available to cover the cost of Amendment No. 1.

Alternatives: Not applicable.

Attachments/Exhibits: Amendment No. 1 to the Standard Agreement Between Owner and Engineer for Professional Services (Not available online; on file in City Clerk's Office.)